

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041922\
 Data File : VW022572.D
 Acq On : 19 Apr 2022 09:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Quant Time: Apr 20 01:19:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 19 01:11:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	361854	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	354552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203511	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	185366	23.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.680%
7) Chloroethane-d5	2.885	69	117670	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
11) 1,1-Dichloroethene-d2	4.025	63	279366	26.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.720%
21) 2-Butanone-d5	7.073	46	76040	54.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.900%
24) Chloroform-d	7.646	84	302124	26.712	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.840%
26) 1,2-Dichloroethane-d4	8.305	65	166527	25.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.080%
32) Benzene-d6	8.274	84	576207	26.600	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	9.274	67	164430	26.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.920%
41) Toluene-d8	10.323	98	570985	26.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.640%
43) trans-1,3-Dichloroprop...	10.579	79	75318	25.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.840%
47) 2-Hexanone-d5	10.920	63	64627	55.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	150762	28.285	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	200108	27.760	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	28768	16.218	ug/L	90
3) Chloromethane	2.221	50	85910	19.425	ug/L	95
5) Vinyl chloride	2.367	62	199885	21.660	ug/L	99
6) Bromomethane	2.781	94	116025	20.683	ug/L	98
8) Chloroethane	2.922	64	93063	23.035	ug/L	100
9) Trichlorofluoromethane	3.263	101	105967	31.103	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	147180	27.130	ug/L	95
12) 1,1-Dichloroethene	4.043	96	132444	27.184	ug/L	89
13) Acetone	4.123	43	55070	57.914	ug/L	95
14) Carbon disulfide	4.385	76	337377	21.049	ug/L	99
15) Methyl Acetate	4.671	43	64964	27.225	ug/L	95
16) Methylene chloride	4.921	84	141575	26.001	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	145048	25.414	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	257055	27.577	ug/L	96
19) 1,1-Dichloroethane	6.220	63	260319	24.997	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	165145	27.396	ug/L #	85
22) 2-Butanone	7.171	43	84056	58.528	ug/L	95
23) Bromochloromethane	7.512	128	72515	27.952	ug/L	92
25) Chloroform	7.677	83	293970	26.801	ug/L	99

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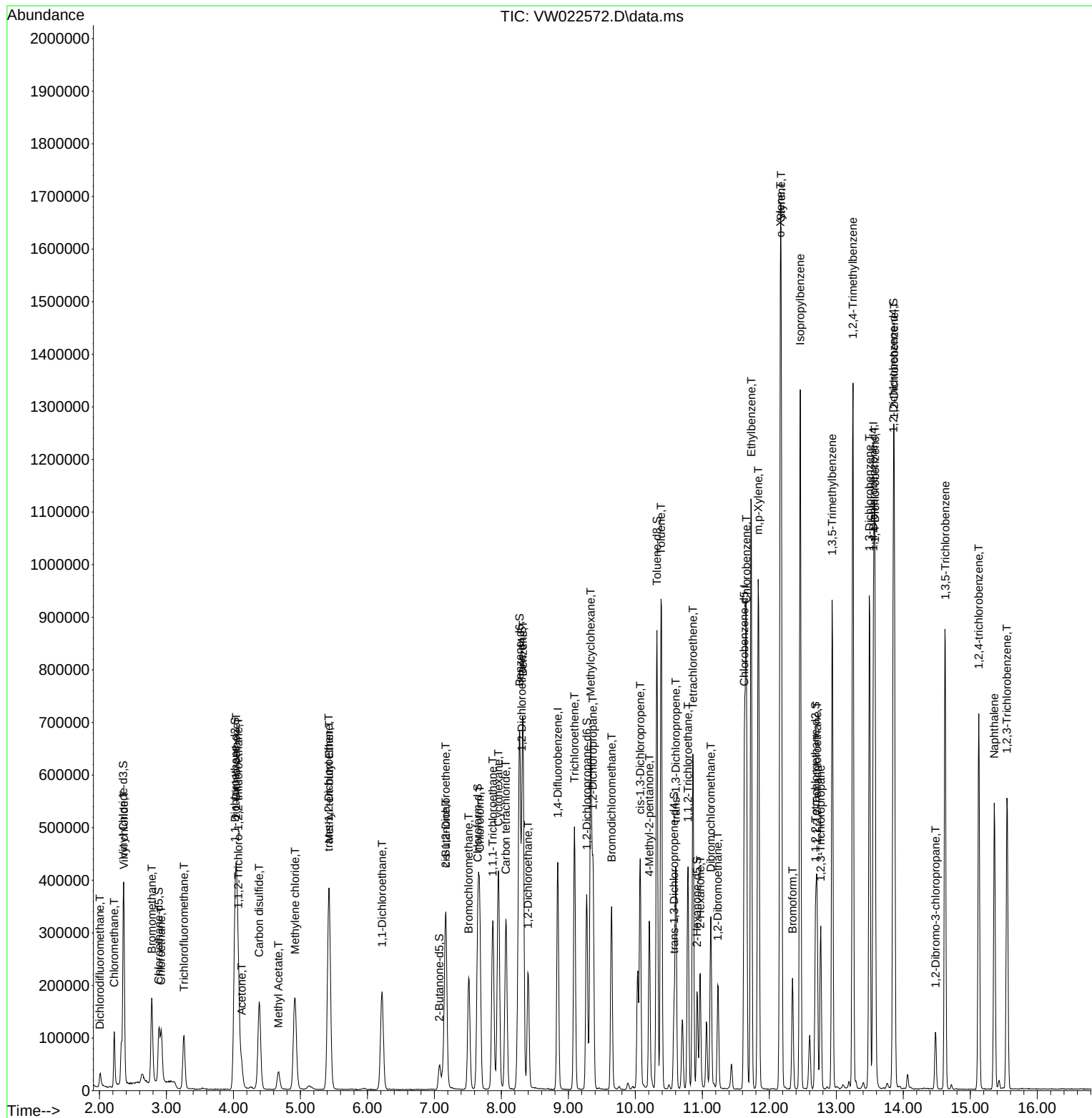
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	201374	26.121	ug/L	97
29) Cyclohexane	7.957	56	227976	22.466	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	256873	26.118	ug/L	97
31) Carbon tetrachloride	8.067	117	235382	26.665	ug/L	98
33) Benzene	8.323	78	608275	25.269	ug/L	100
34) Trichloroethene	9.091	95	167769	26.030	ug/L	98
35) Methylcyclohexane	9.335	83	273474	23.649	ug/L	95
37) 1,2-Dichloropropane	9.366	63	152551	26.454	ug/L	100
38) Bromodichloromethane	9.646	83	221282	26.683	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	245548	26.834	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	199895	56.799	ug/L	96
42) Toluene	10.384	91	692267	25.097	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	221504	27.034	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	126241	28.683	ug/L	97
46) Tetrachloroethene	10.859	164	127582	26.929	ug/L	93
48) 2-Hexanone	10.969	43	135540	54.591	ug/L	96
49) Dibromochloromethane	11.127	129	160258	30.531	ug/L	98
50) 1,2-Dibromoethane	11.231	107	125720	28.928	ug/L	94
51) Chlorobenzene	11.658	112	452316	26.834	ug/L	94
52) Ethylbenzene	11.731	91	805126	26.041	ug/L	94
53) m,p-Xylene	11.835	106	319333	27.164	ug/L	91
54) o-Xylene	12.164	106	306150	27.252	ug/L	89
55) Styrene	12.176	104	530460	27.638	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	159614	29.548	ug/L	99
59) Bromoform	12.347	173	86298	28.537	ug/L	98
60) Isopropylbenzene	12.463	105	854831	25.286	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	117290	27.093	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	484845	26.078	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	720284	25.477	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	369746	26.949	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	364818	26.661	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	338521	27.589	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	27304	27.195	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	248741	27.787	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	204809	27.242	ug/L	97
71) Naphthalene	15.358	128	450769	28.427	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	177190	27.573	ug/L	99

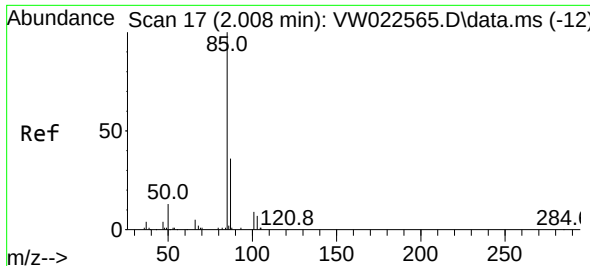
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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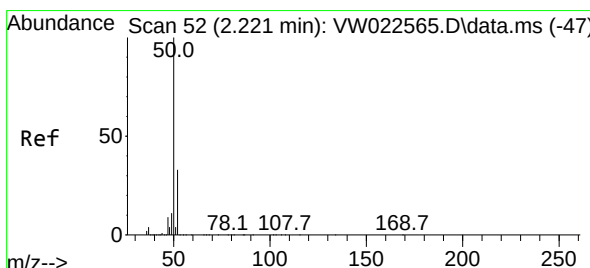
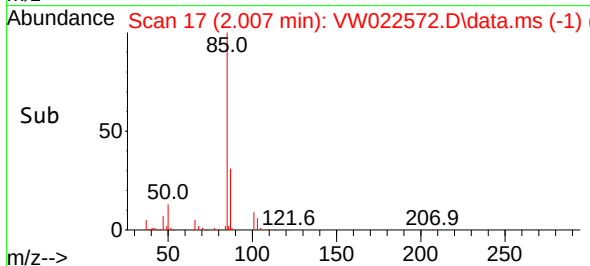
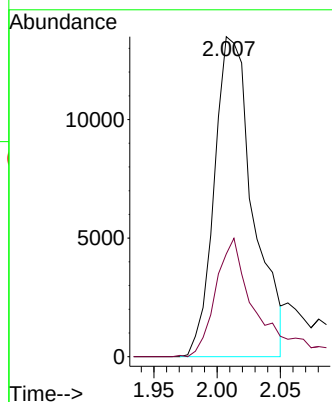
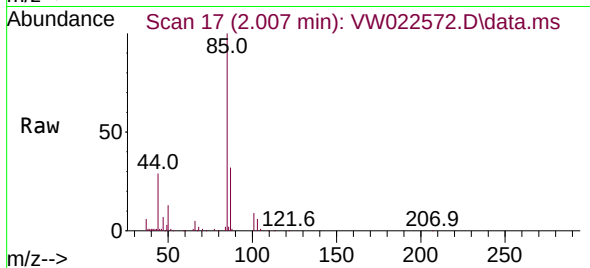




#2
 Dichlorodifluoromethane
 Concen: 16.218 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53

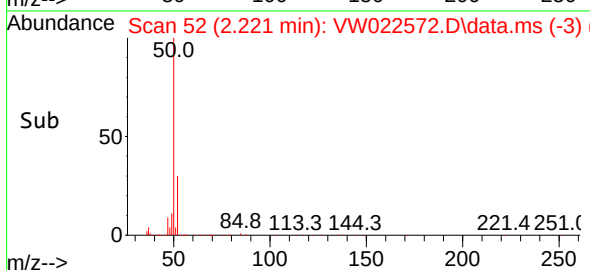
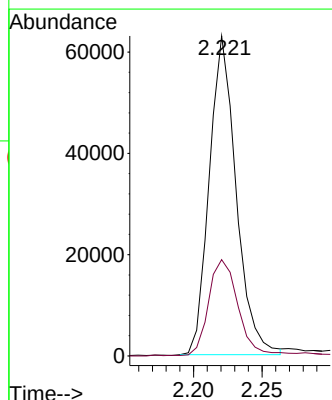
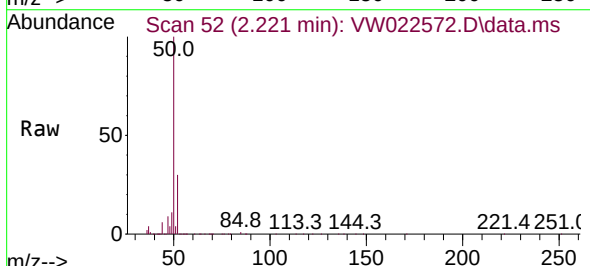
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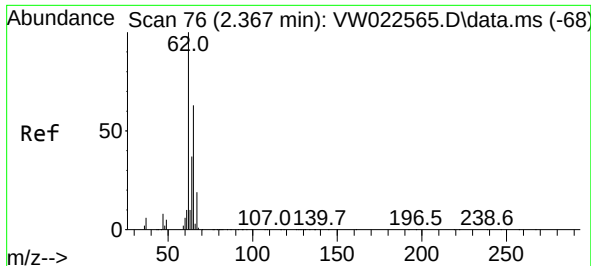
Tgt Ion: 85 Resp: 28768
 Ion Ratio Lower Upper
 85 100
 87 35.1 23.7 35.5



#3
 Chloromethane
 Concen: 19.425 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53

Tgt Ion: 50 Resp: 85910
 Ion Ratio Lower Upper
 50 100
 52 30.1 23.0 42.6

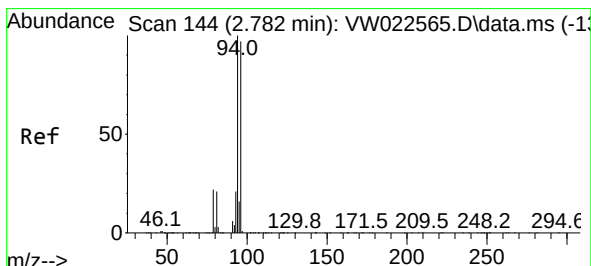
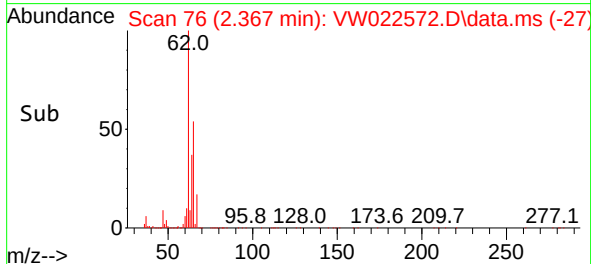
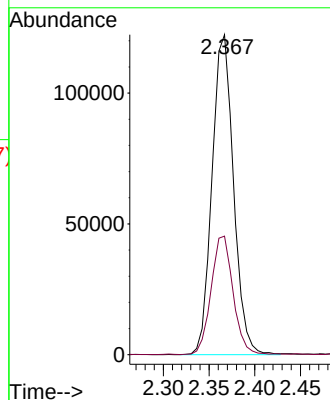
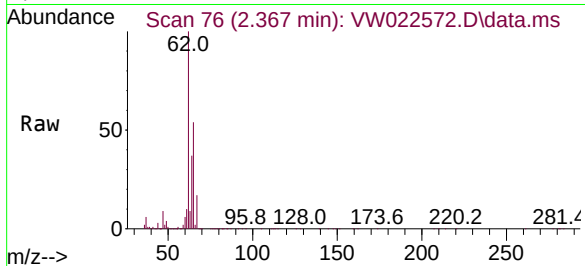




#5
 Vinyl chloride
 Concen: 21.660 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53

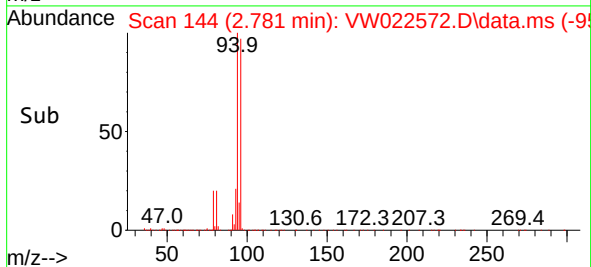
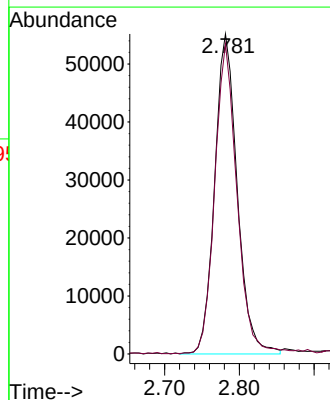
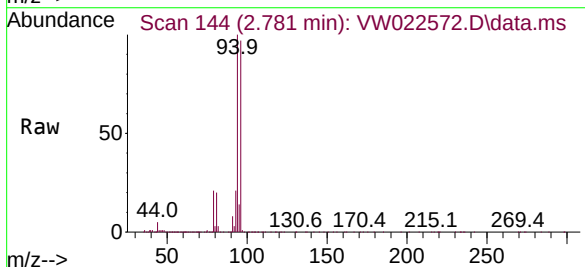
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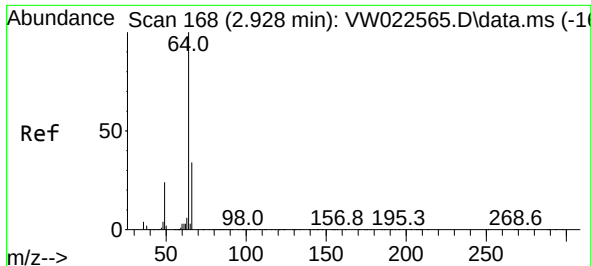
Tgt Ion: 62 Resp: 199885
 Ion Ratio Lower Upper
 62 100
 64 37.1 26.5 49.3



#6
 Bromomethane
 Concen: 20.683 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53

Tgt Ion: 94 Resp: 116025
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.6 123.6

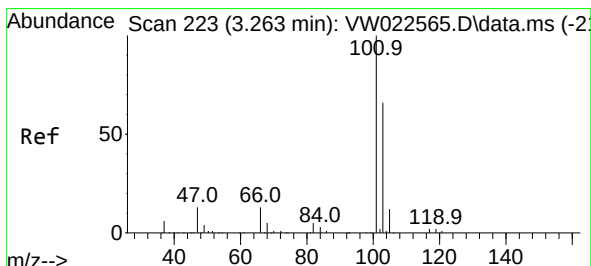
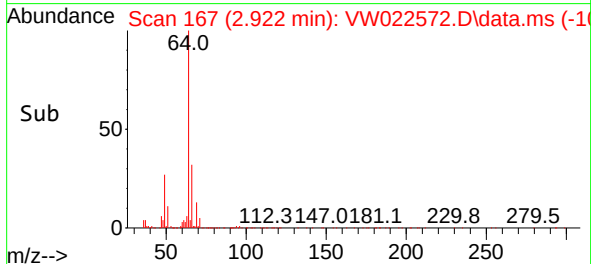
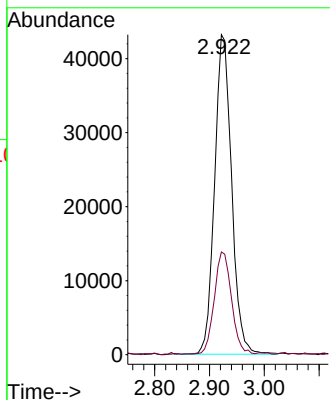
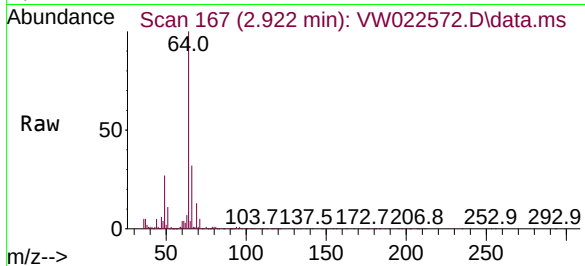




#8
Chloroethane
Concen: 23.035 ug/L
RT: 2.922 min Scan# 168
Delta R.T. -0.007 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

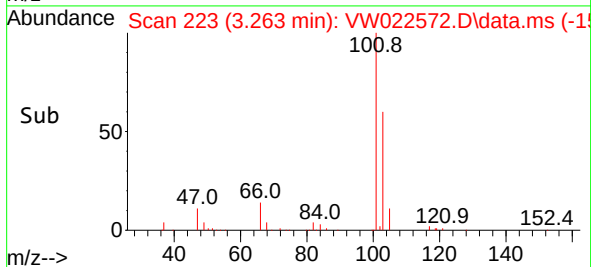
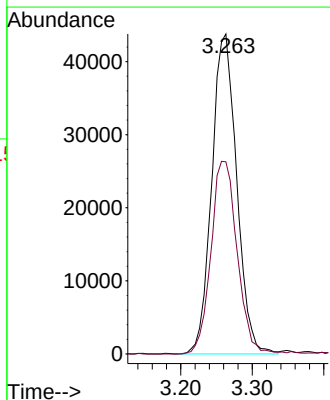
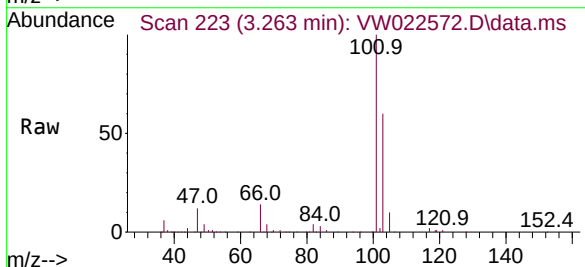
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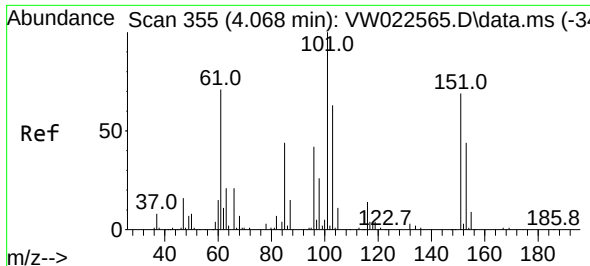
Tgt Ion: 64 Resp: 93063
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 31.103 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion: 101 Resp: 105967
Ion Ratio Lower Upper
101 100
103 62.6 52.0 78.0

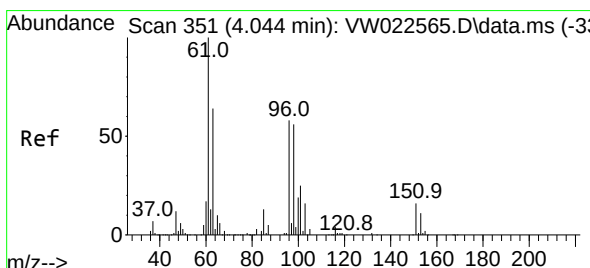
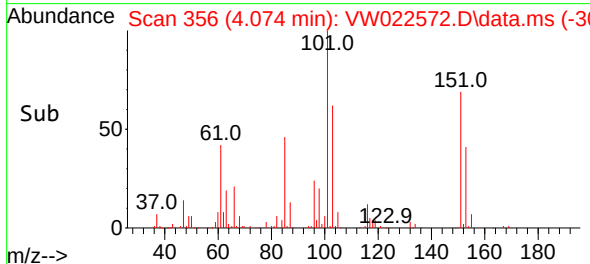
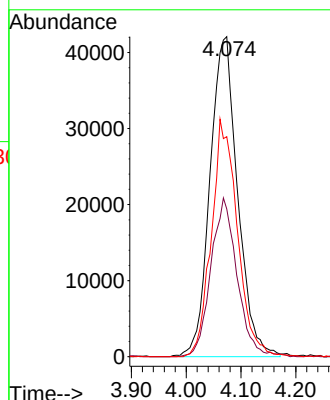
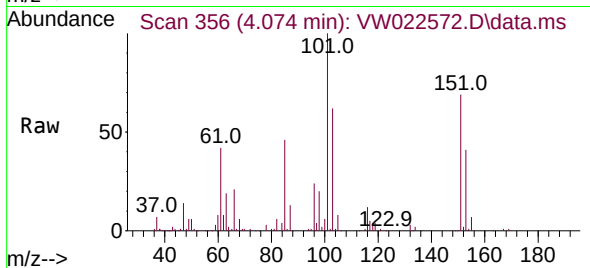




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.130 ug/L
 RT: 4.074 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53

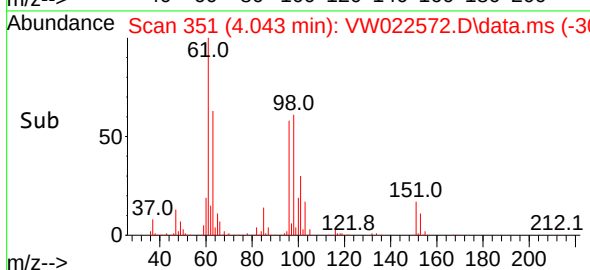
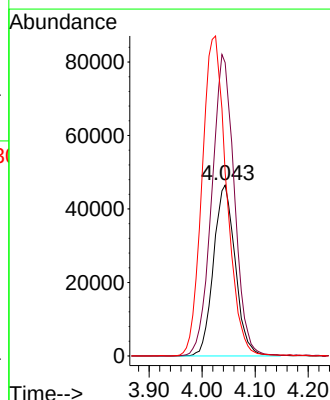
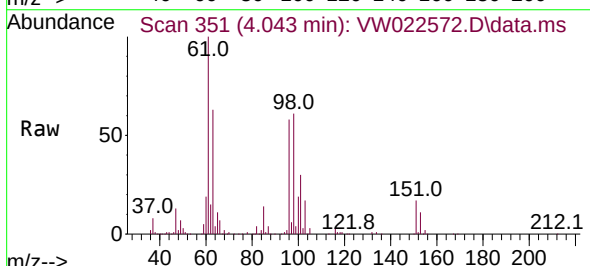
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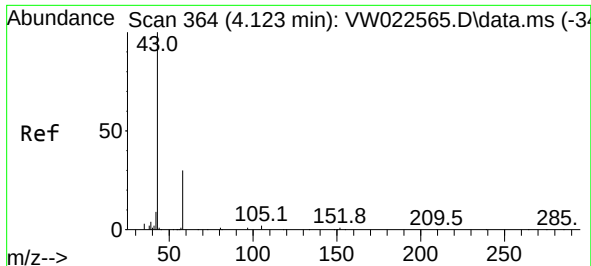
Tgt Ion:101 Resp: 147180
 Ion Ratio Lower Upper
 101 100
 85 46.6 39.2 58.8
 151 69.8 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 27.184 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53

Tgt Ion: 96 Resp: 132444
 Ion Ratio Lower Upper
 96 100
 61 171.6 128.0 237.6
 63 107.3 86.6 160.8

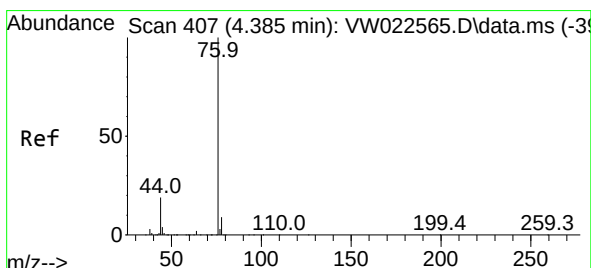
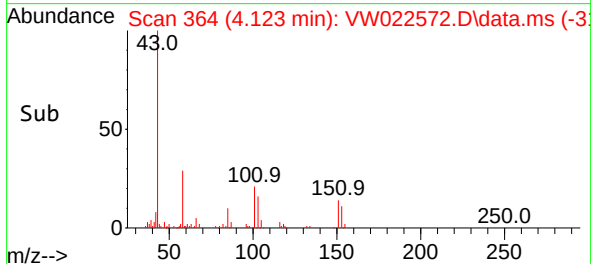
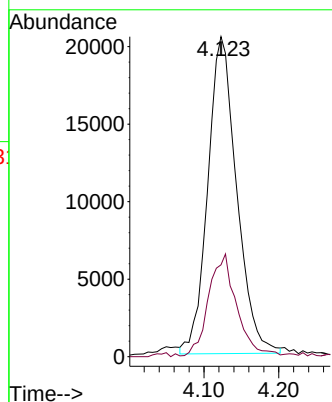
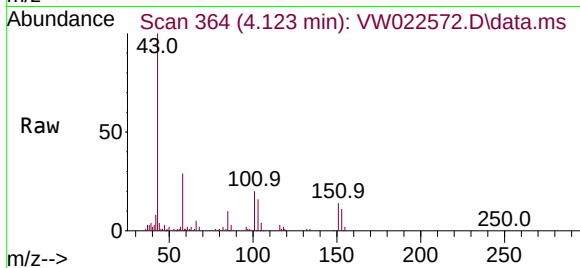




#13
Acetone
Concen: 57.914 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

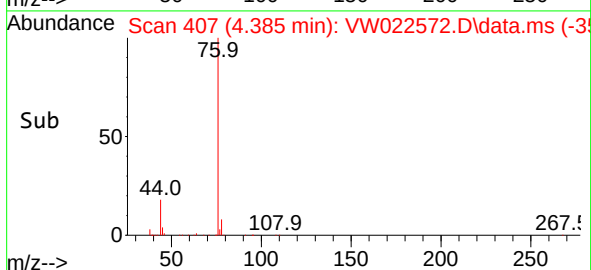
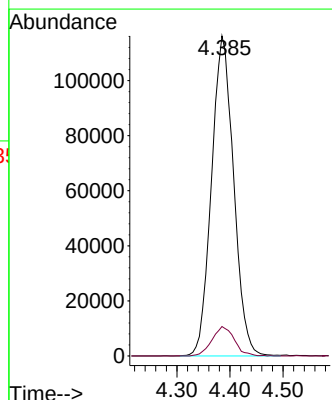
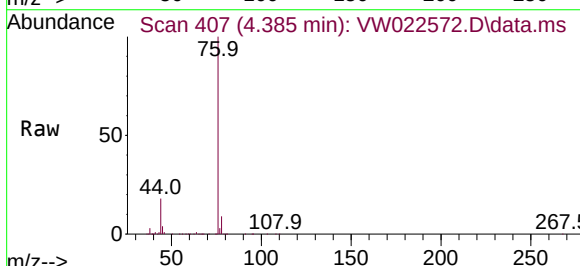
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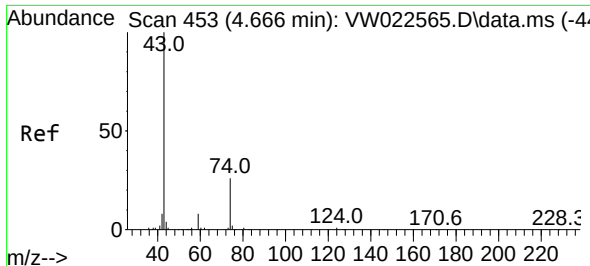
Tgt Ion: 43 Resp: 55070
Ion Ratio Lower Upper
43 100
58 31.0 0.0 57.0



#14
Carbon disulfide
Concen: 21.049 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022572.D
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Tgt Ion: 76 Resp: 337377
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

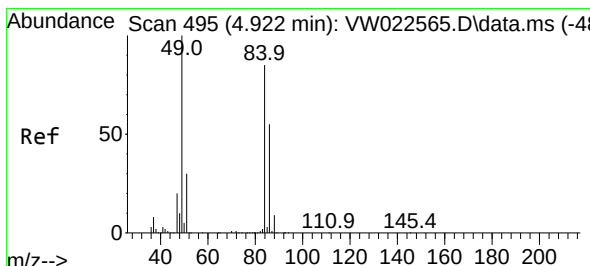
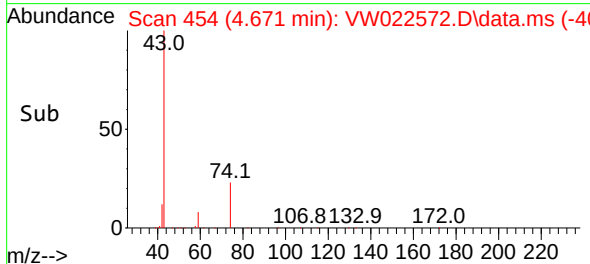
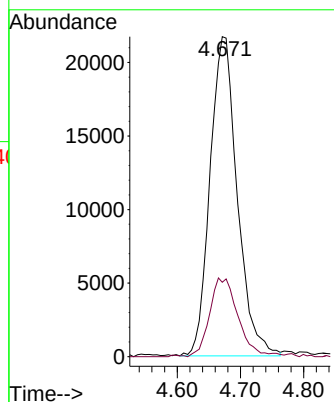
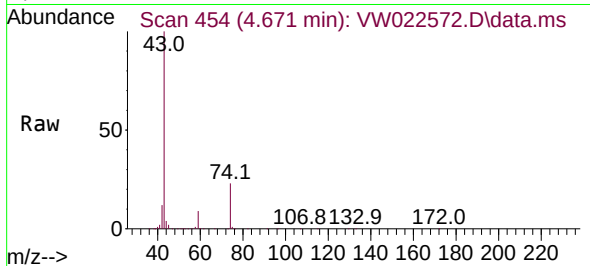




#15
Methyl Acetate
Concen: 27.225 ug/L
RT: 4.671 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

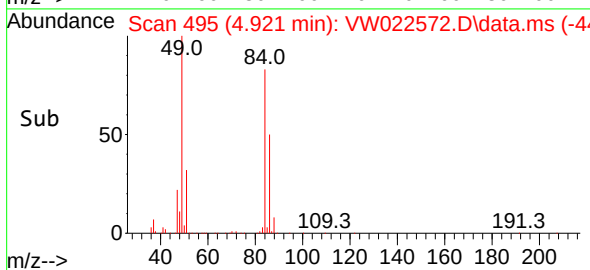
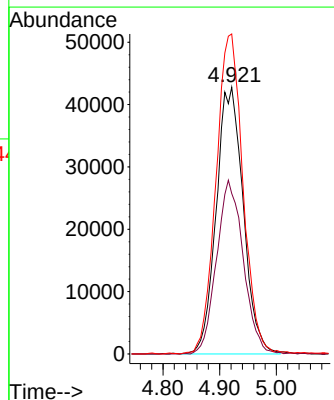
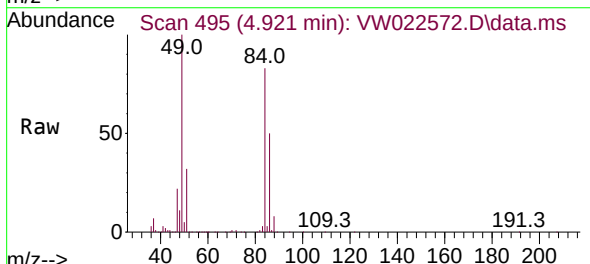
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

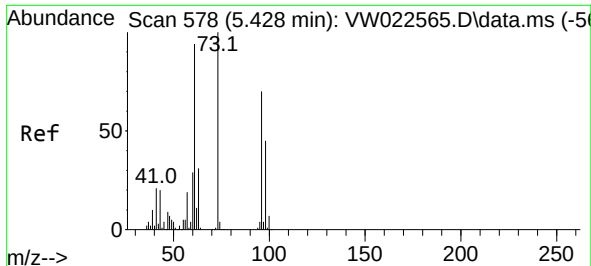
Tgt Ion: 43 Resp: 64964
Ion Ratio Lower Upper
43 100
74 25.3 18.5 27.7



#16
Methylene chloride
Concen: 26.001 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion: 84 Resp: 141575
Ion Ratio Lower Upper
84 100
86 60.2 42.8 79.4
49 120.0 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 25.414 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.007 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

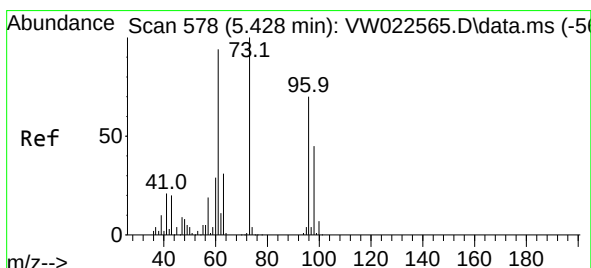
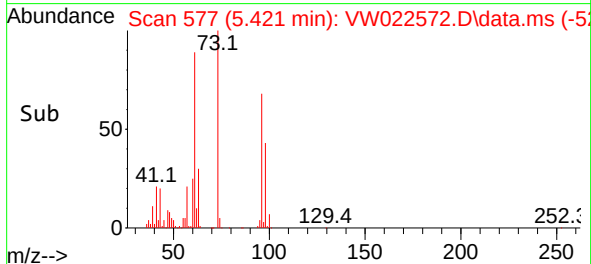
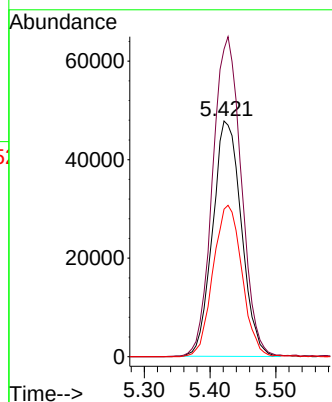
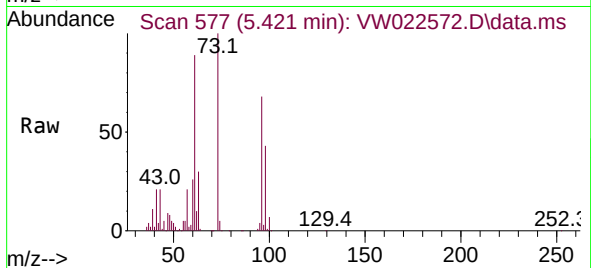
Tgt Ion: 96 Resp: 145048

Ion Ratio Lower Upper

96 100

61 130.5 99.8 185.4

98 62.6 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 27.577 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

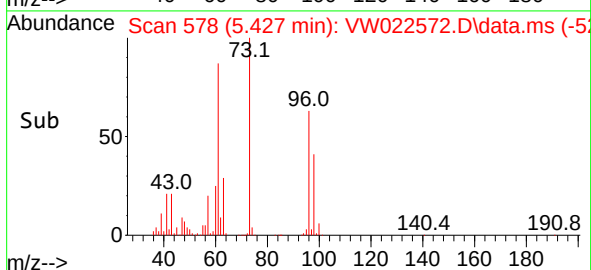
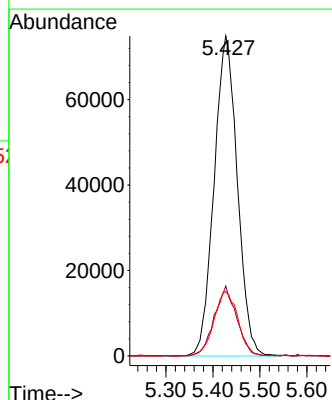
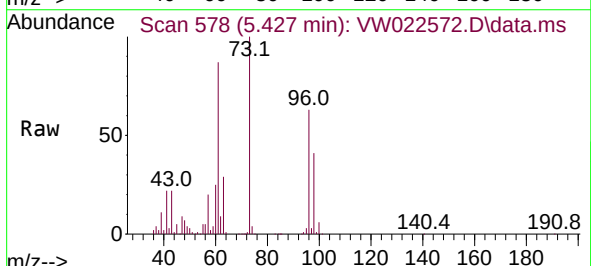
Tgt Ion: 73 Resp: 257055

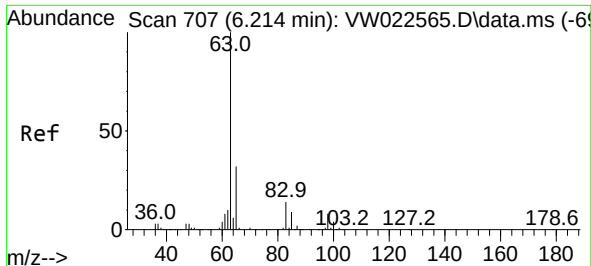
Ion Ratio Lower Upper

73 100

43 21.0 18.8 28.2

57 20.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.997 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

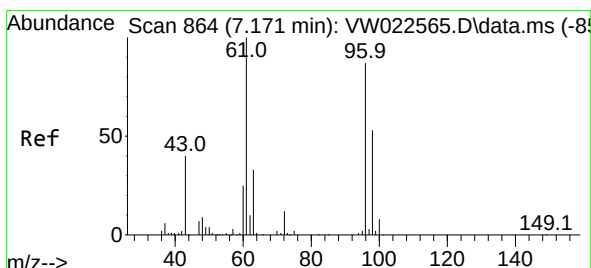
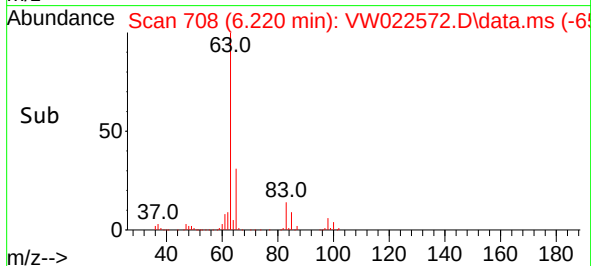
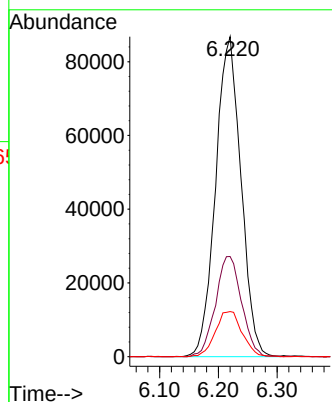
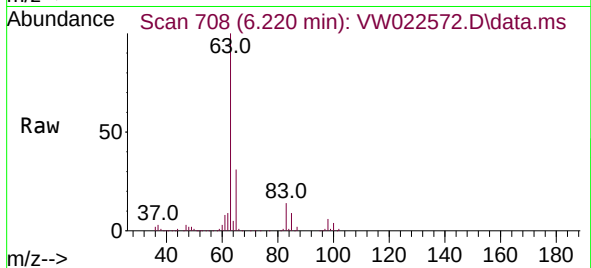
Tgt Ion: 63 Resp: 260319

Ion Ratio Lower Upper

63 100

65 31.3 21.1 39.3

83 14.1 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.396 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

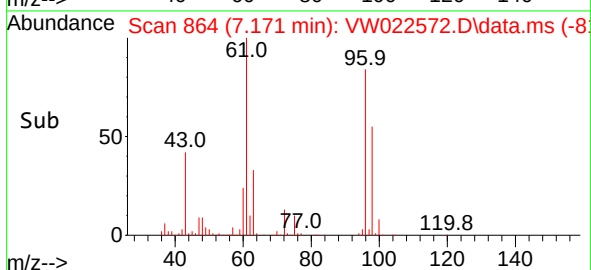
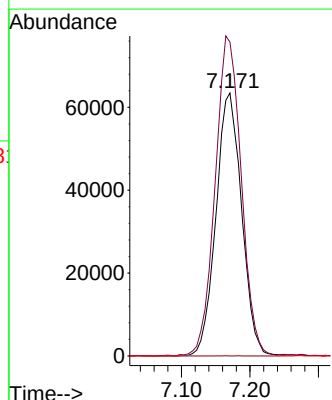
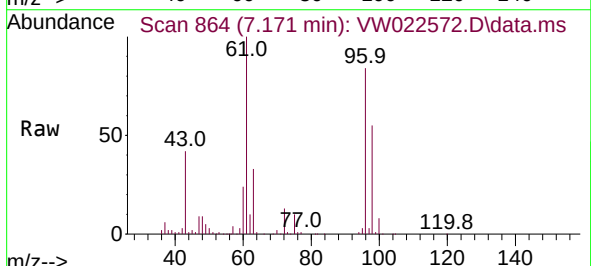
Tgt Ion: 96 Resp: 165145

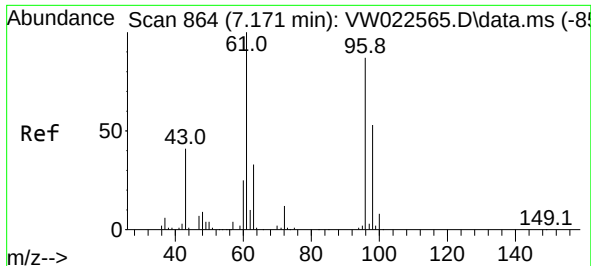
Ion Ratio Lower Upper

96 100

61 119.3 96.4 179.0

68 0.1 0.1 0.3

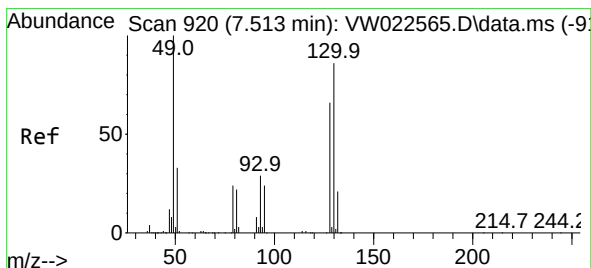
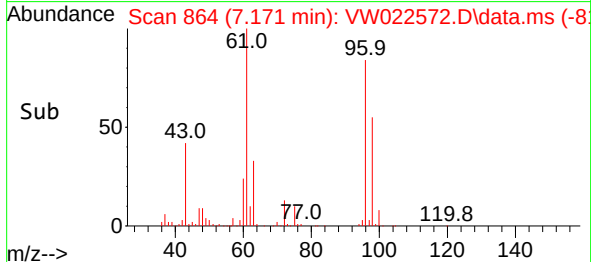
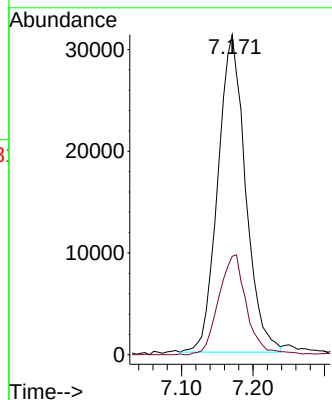
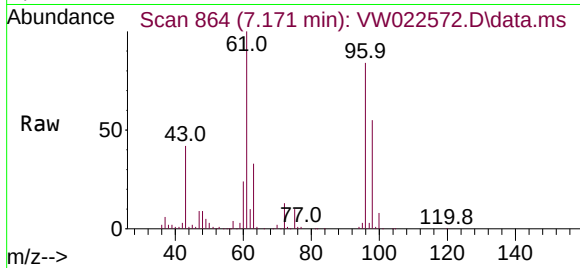




#22
2-Butanone
Concen: 58.528 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

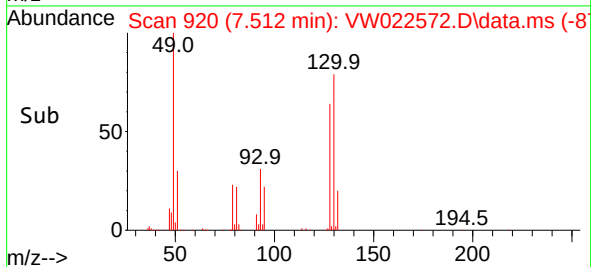
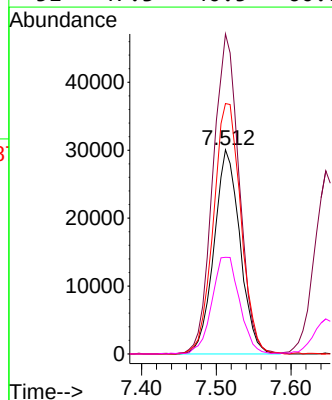
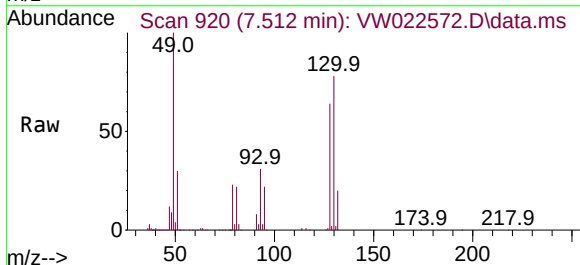
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

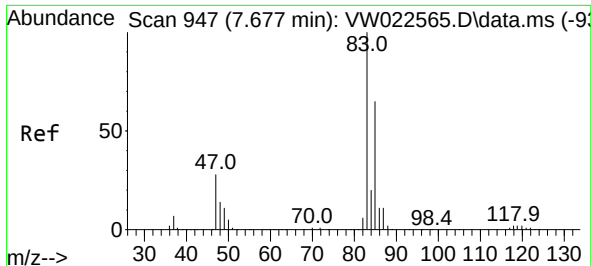
Tgt Ion: 43 Resp: 84056
Ion Ratio Lower Upper
43 100
72 30.6 14.0 42.0



#23
Bromochloromethane
Concen: 27.952 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion: 128 Resp: 72515
Ion Ratio Lower Upper
128 100
49 156.7 120.8 224.3
130 122.6 81.8 151.8
51 47.3 40.5 60.7

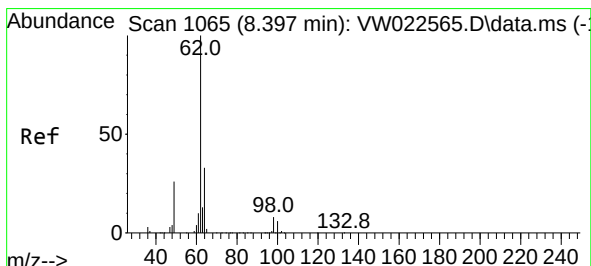
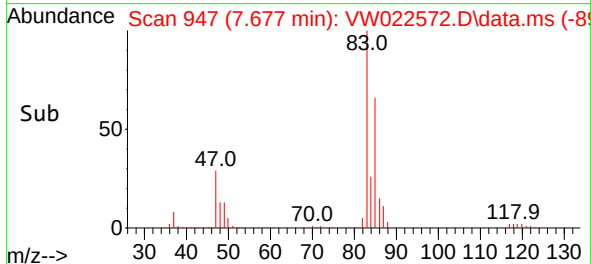
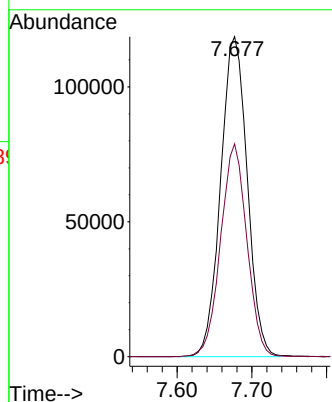
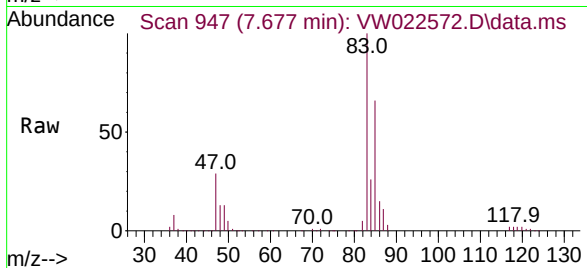




#25
Chloroform
Concen: 26.801 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

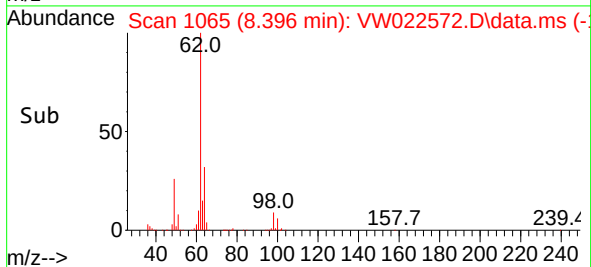
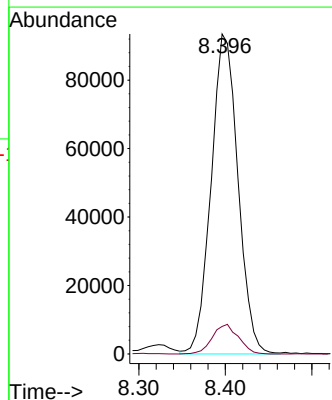
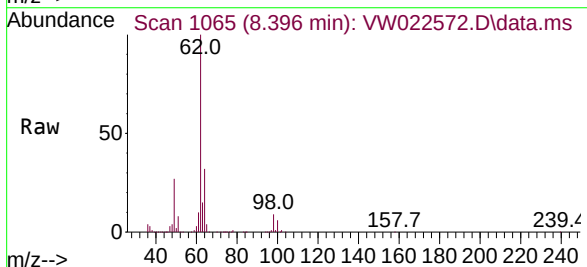
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

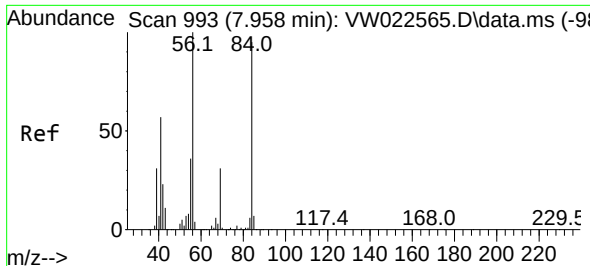
Tgt Ion: 83 Resp: 293970
Ion Ratio Lower Upper
83 100
85 66.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 26.121 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

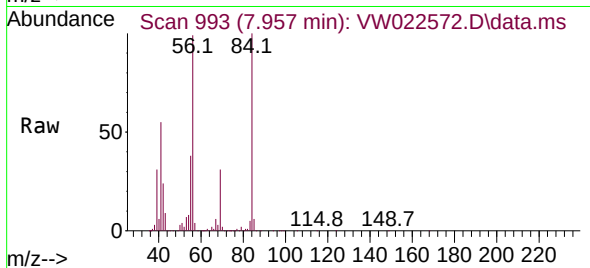
Tgt Ion: 62 Resp: 201374
Ion Ratio Lower Upper
62 100
98 8.6 6.2 9.2



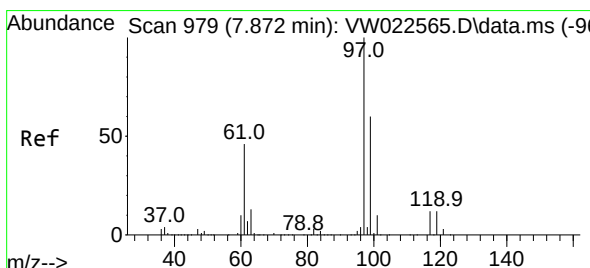
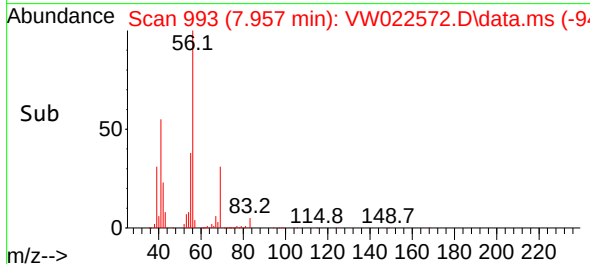
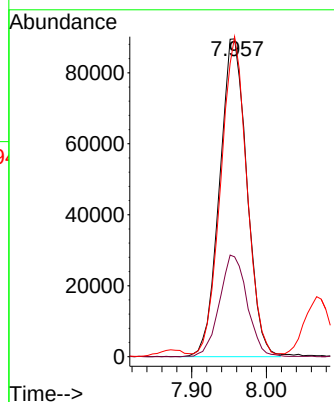


#29
Cyclohexane
Concen: 22.466 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

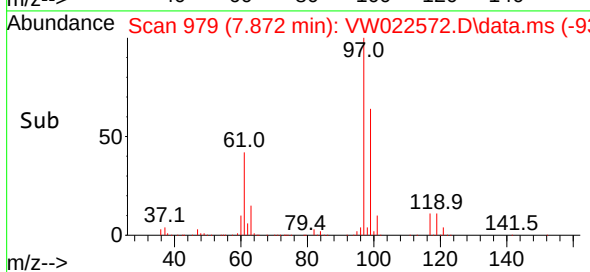
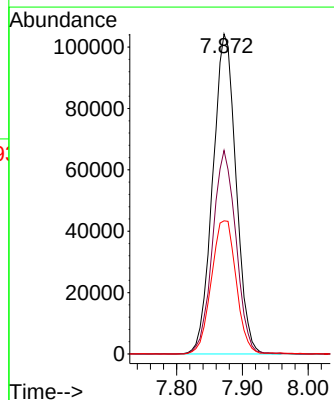
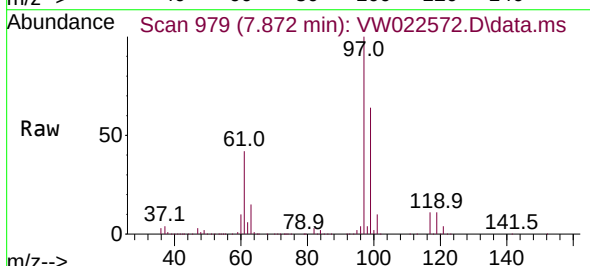


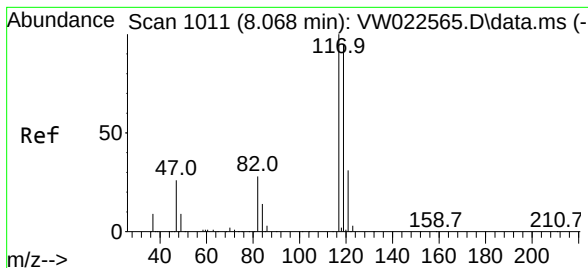
Tgt Ion:	56	Resp:	227976
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.4	36.6
84	96.4	72.6	108.8



#30
1,1,1-Trichloroethane
Concen: 26.118 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion:	97	Resp:	256873
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	44.3	38.7	58.1





#31

Carbon tetrachloride

Concen: 26.665 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

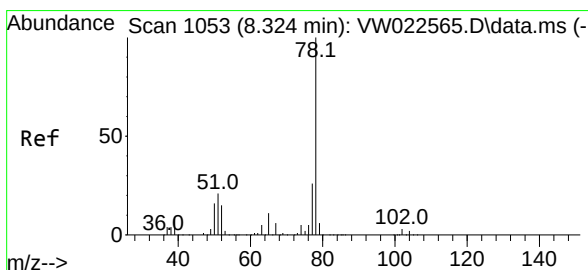
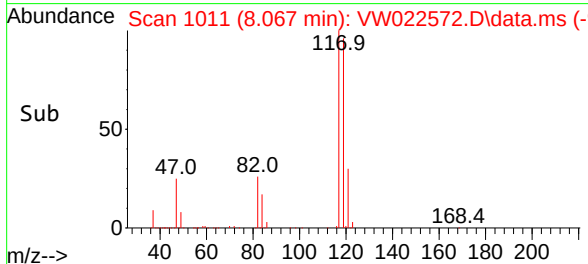
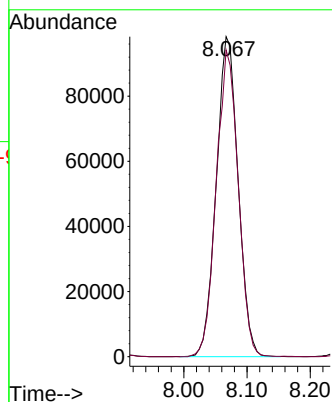
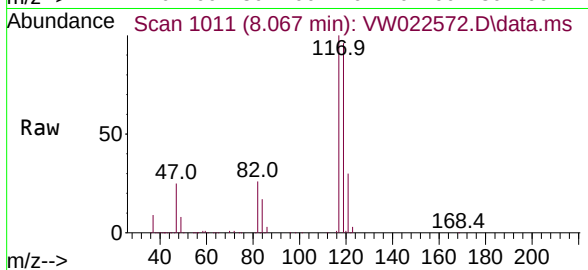
VSTD025491

Tgt Ion:117 Resp: 235382

Ion Ratio Lower Upper

117 100

119 96.4 75.5 113.3



#33

Benzene

Concen: 25.269 ug/L

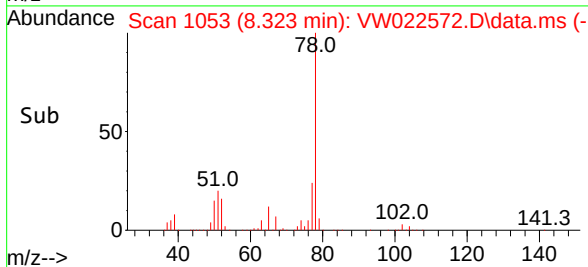
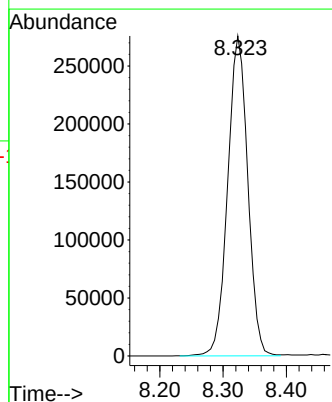
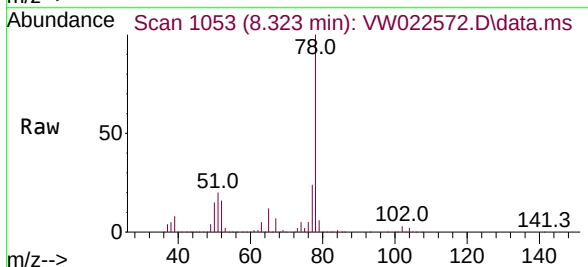
RT: 8.323 min Scan# 1053

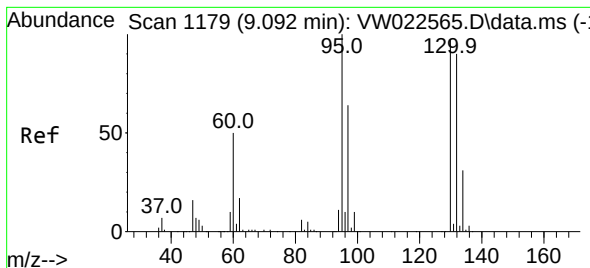
Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Tgt Ion: 78 Resp: 608275





#34

Trichloroethene

Concen: 26.030 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

Tgt Ion: 95 Resp: 167769

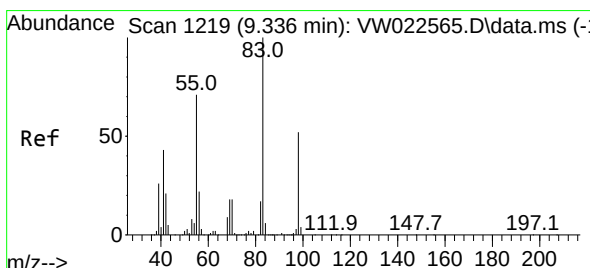
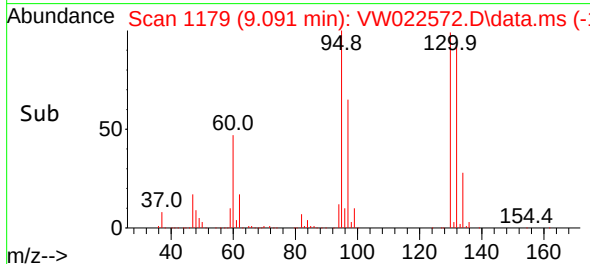
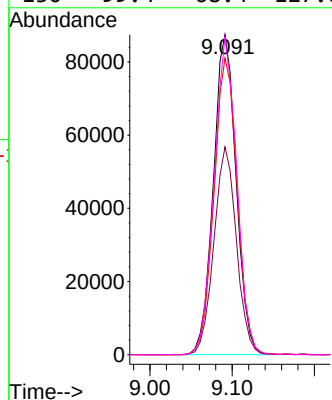
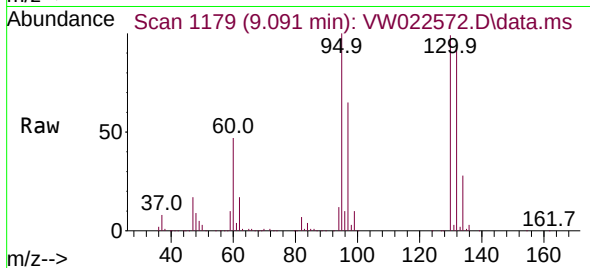
Ion Ratio Lower Upper

95 100

97 64.9 46.4 86.2

132 92.6 67.4 125.2

130 99.4 68.4 127.0



#35

Methylcyclohexane

Concen: 23.649 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

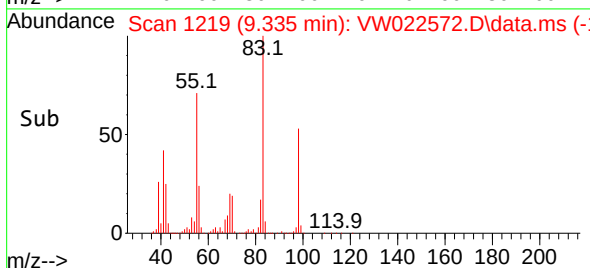
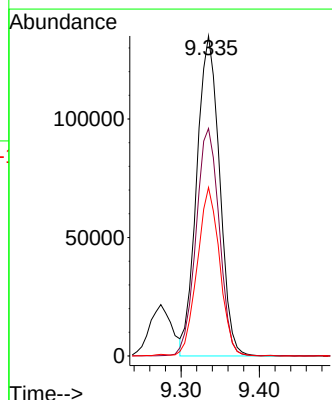
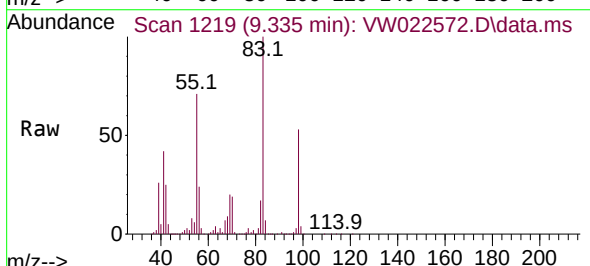
Tgt Ion: 83 Resp: 273474

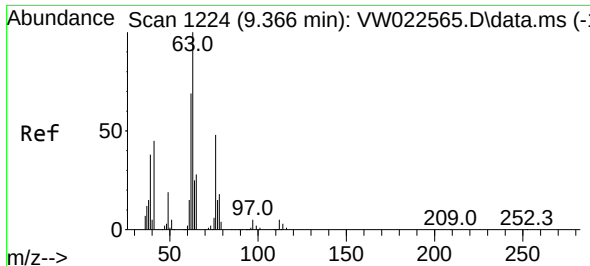
Ion Ratio Lower Upper

83 100

55 72.2 61.0 91.6

98 51.8 39.2 58.8





#37

1,2-Dichloropropane

Concen: 26.454 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

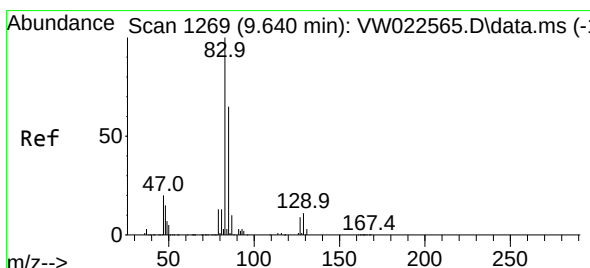
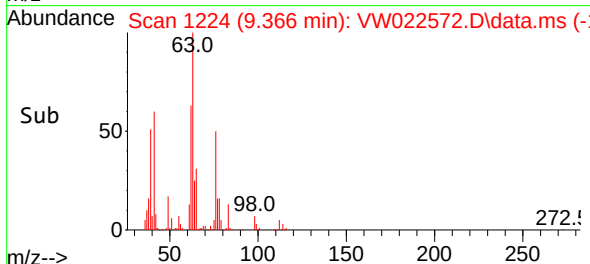
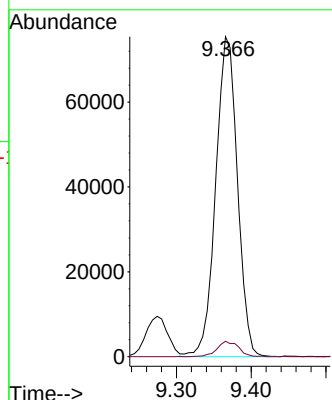
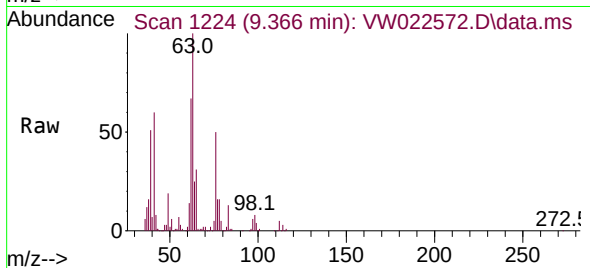
VSTD025491

Tgt Ion: 63 Resp: 152551

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 26.683 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

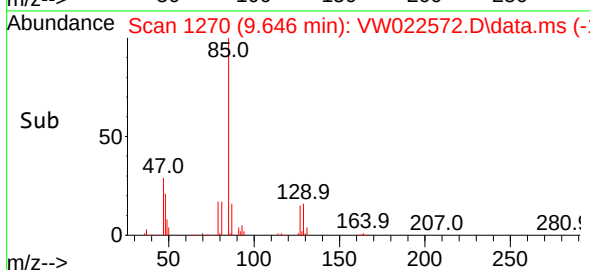
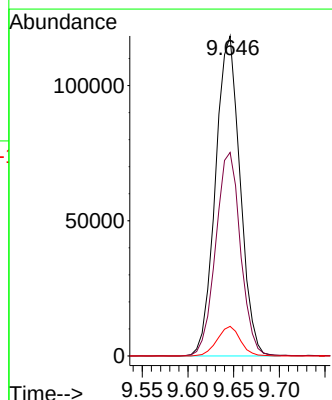
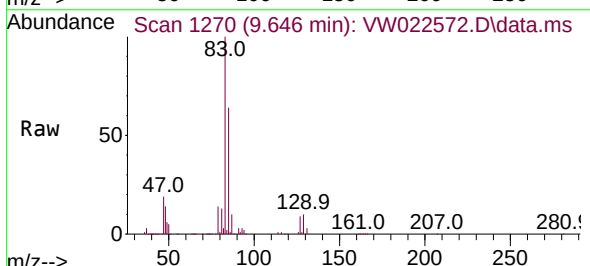
Tgt Ion: 83 Resp: 221282

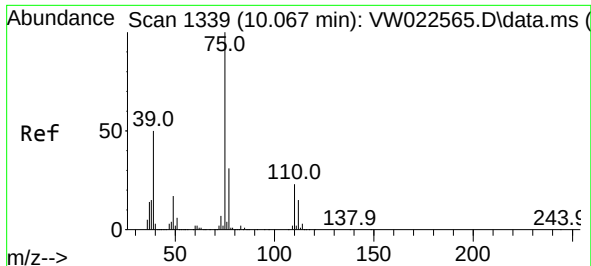
Ion Ratio Lower Upper

83 100

85 63.6 45.2 84.0

127 9.3 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 26.834 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

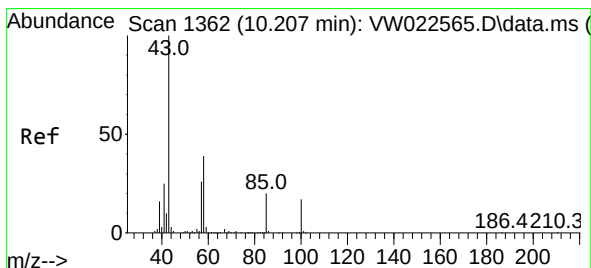
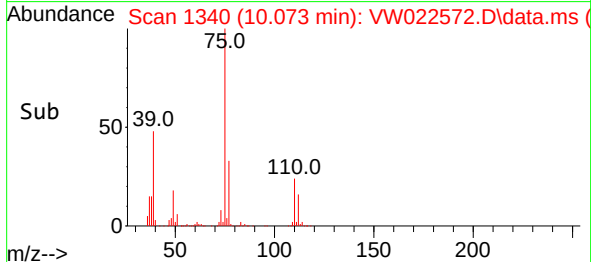
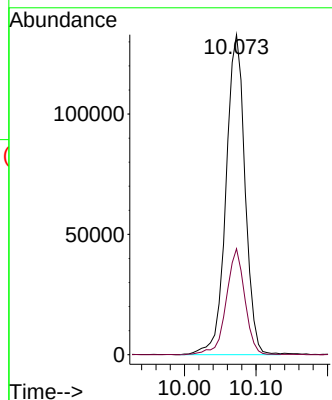
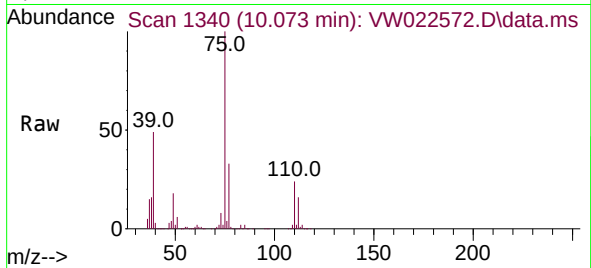
VSTD025491

Tgt Ion: 75 Resp: 245548

Ion Ratio Lower Upper

75 100

77 33.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 56.799 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

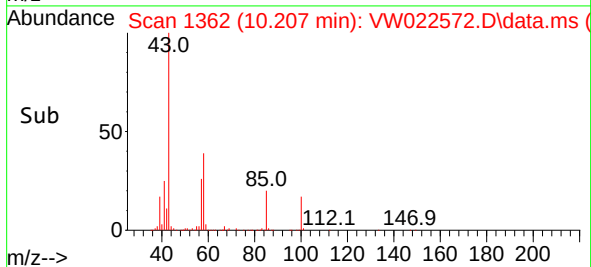
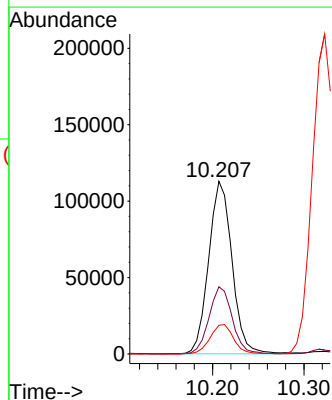
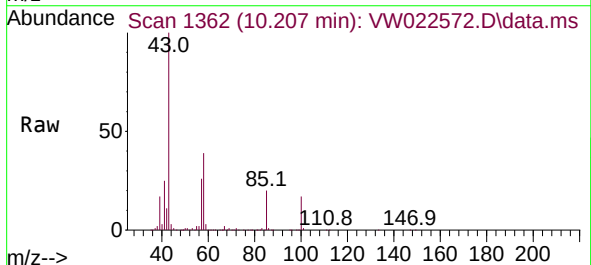
Tgt Ion: 43 Resp: 199895

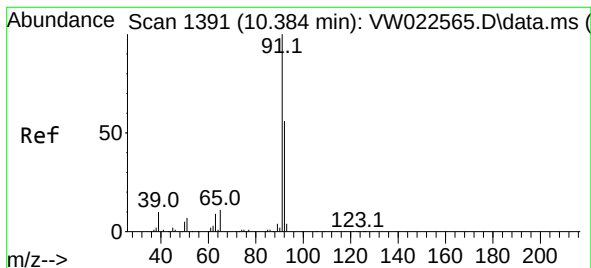
Ion Ratio Lower Upper

43 100

58 38.8 29.3 43.9

100 17.4 12.2 18.4





#42

Toluene

Concen: 25.097 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

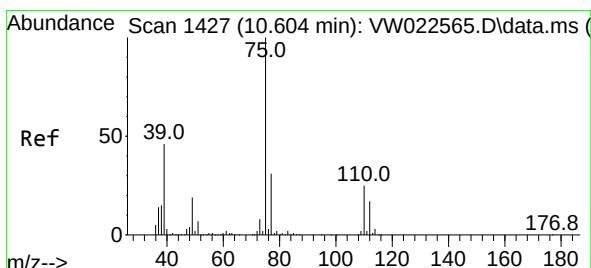
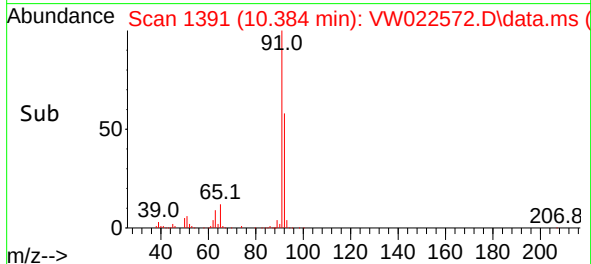
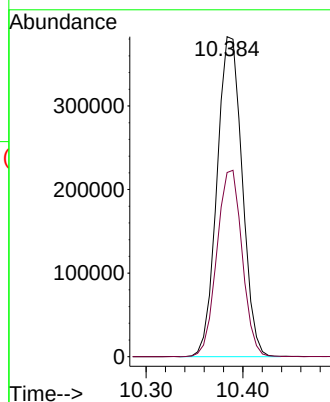
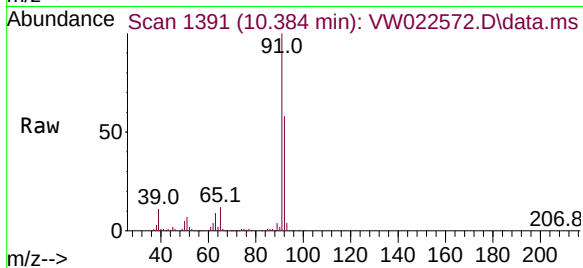
VSTD025491

Tgt Ion: 91 Resp: 692267

Ion Ratio Lower Upper

91 100

92 57.6 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 27.034 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022572.D

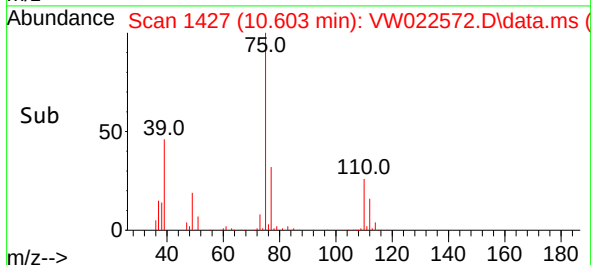
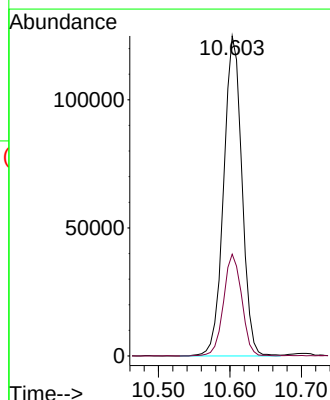
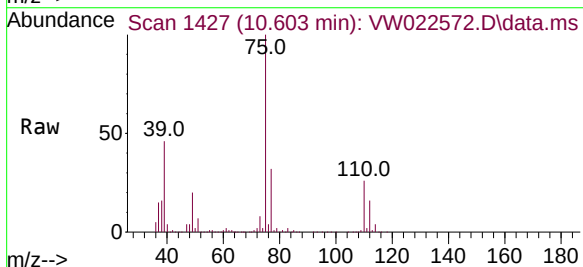
Acq: 19 Apr 2022 09:53

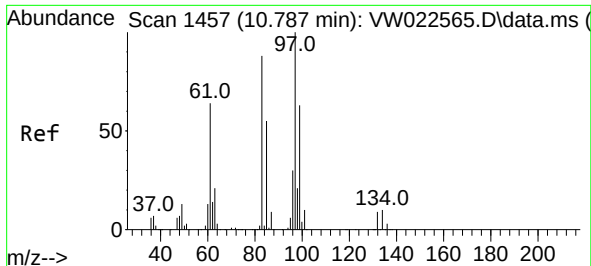
Tgt Ion: 75 Resp: 221504

Ion Ratio Lower Upper

75 100

77 31.8 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 28.683 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

Tgt Ion: 97 Resp: 126241

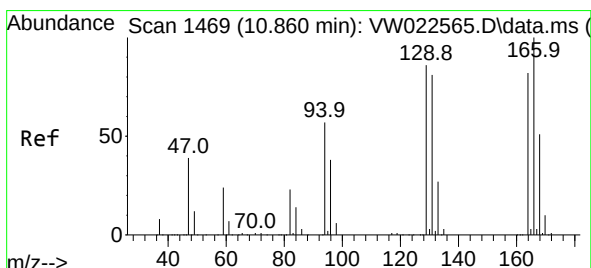
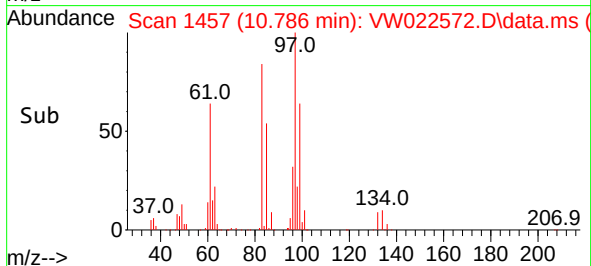
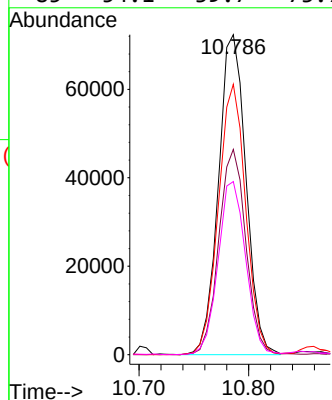
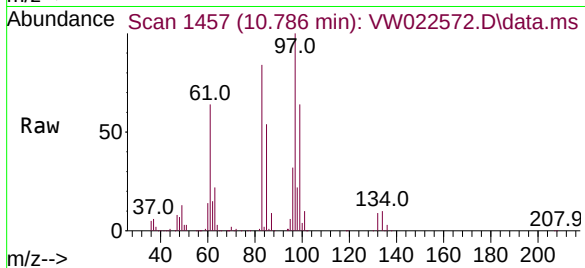
Ion Ratio Lower Upper

97 100

99 64.1 46.0 85.4

83 84.5 60.6 112.6

85 54.1 39.7 73.7



#46

Tetrachloroethene

Concen: 26.929 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Tgt Ion:164 Resp: 127582

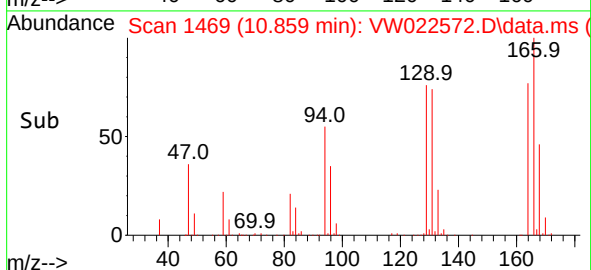
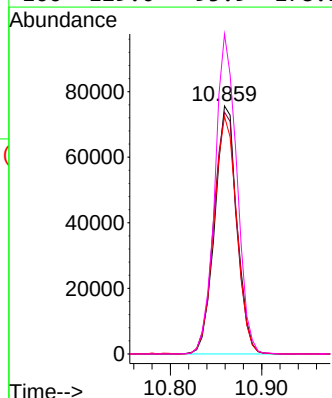
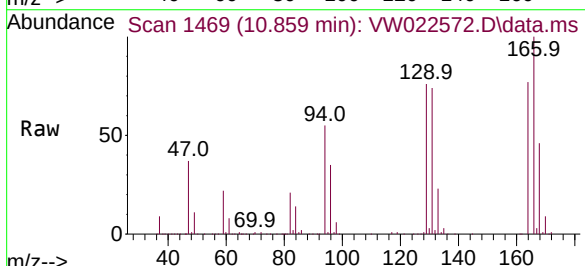
Ion Ratio Lower Upper

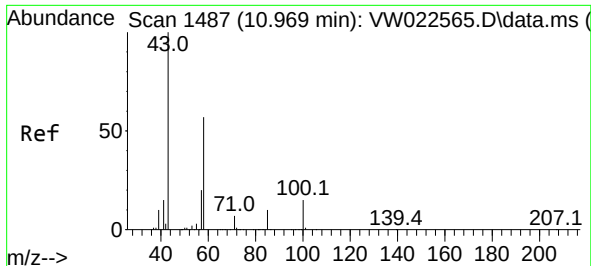
164 100

129 97.5 74.1 137.7

131 95.8 71.4 132.6

166 129.0 95.9 178.1



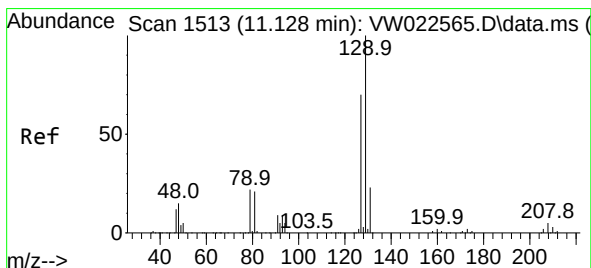
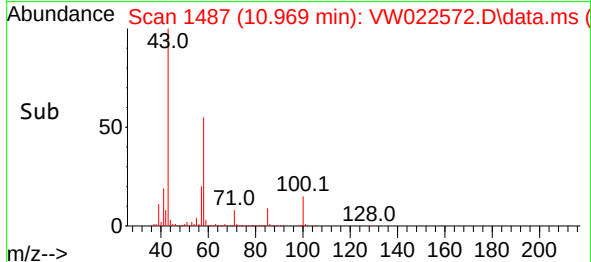
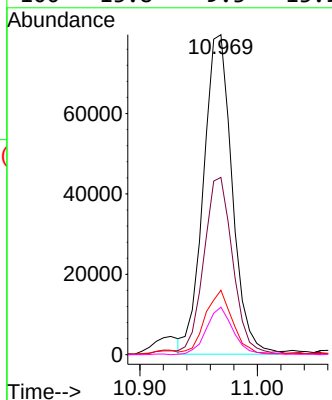
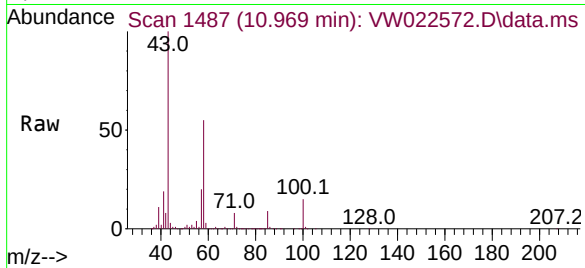


#48
2-Hexanone
Concen: 54.591 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Tgt Ion: 43 Resp: 135540

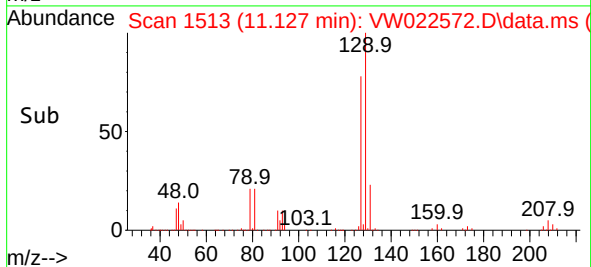
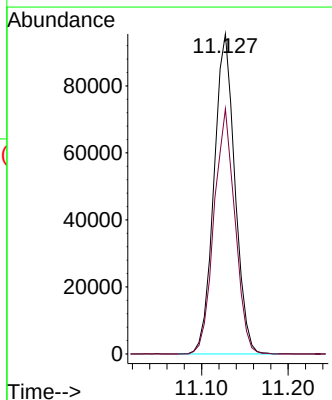
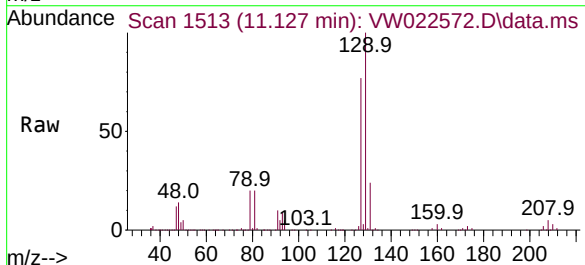
Ion	Ratio	Lower	Upper
43	100		
58	54.8	41.6	62.4
57	19.4	14.5	21.7
100	13.8	9.3	13.9

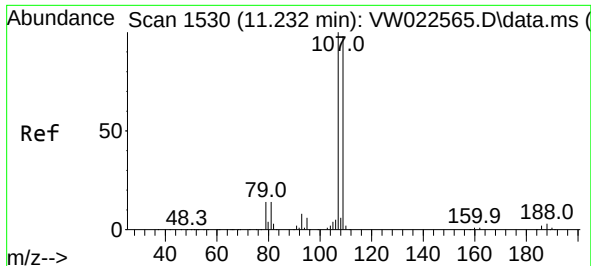


#49
Dibromochloromethane
Concen: 30.531 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion: 129 Resp: 160258

Ion	Ratio	Lower	Upper
129	100		
127	76.6	52.6	97.6





#50

1,2-Dibromoethane

Concen: 28.928 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

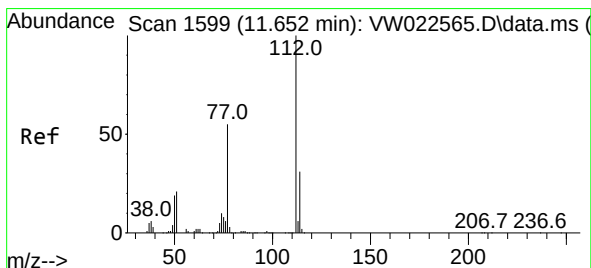
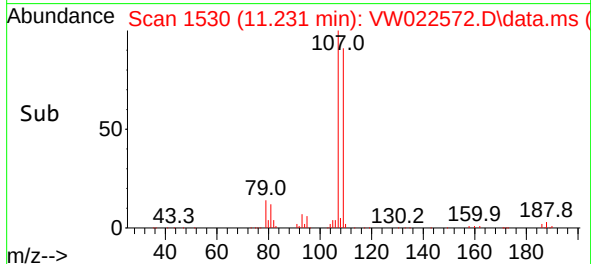
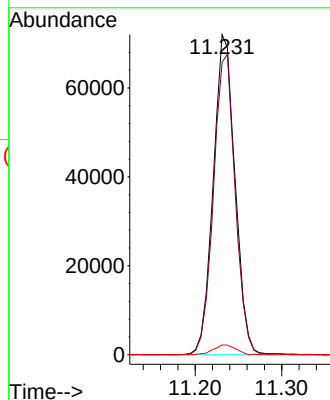
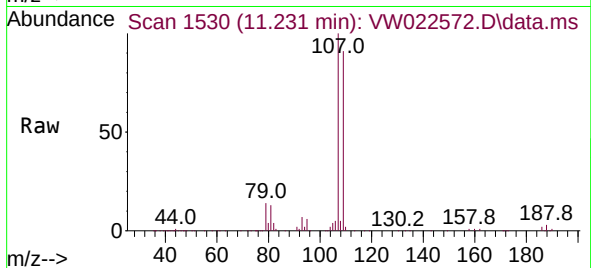
Tgt Ion:107 Resp: 125720

Ion Ratio Lower Upper

107 100

109 91.4 68.2 126.6

188 3.1 2.8 4.2



#51

Chlorobenzene

Concen: 26.834 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

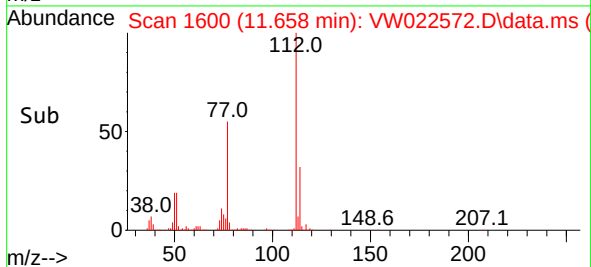
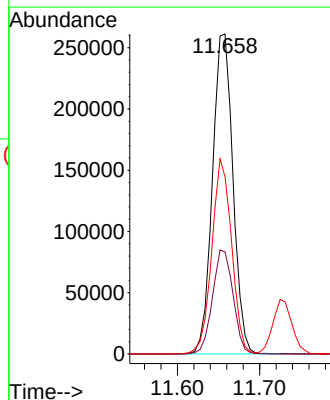
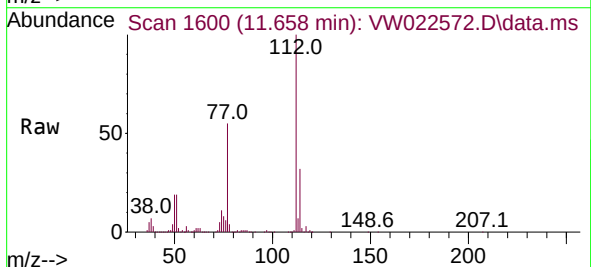
Tgt Ion:112 Resp: 452316

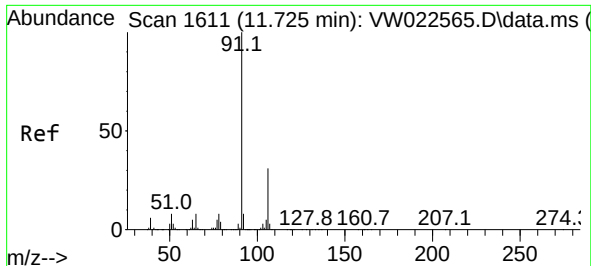
Ion Ratio Lower Upper

112 100

114 31.9 20.5 38.1

77 55.4 48.1 72.1

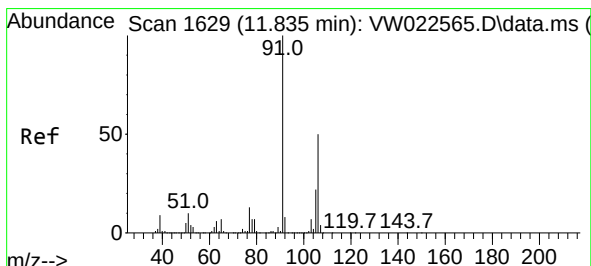
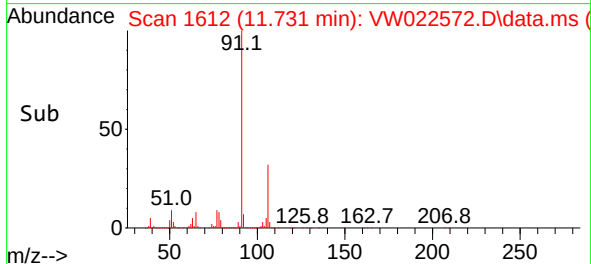
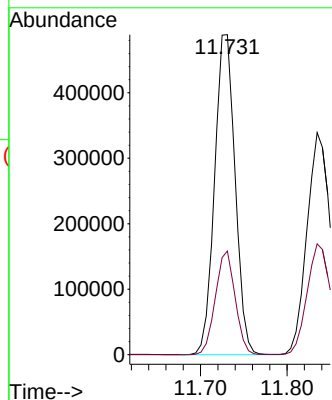
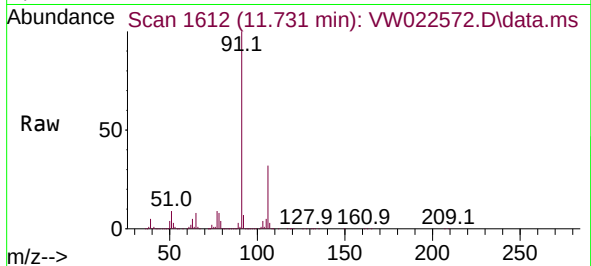




#52
Ethylbenzene
Concen: 26.041 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

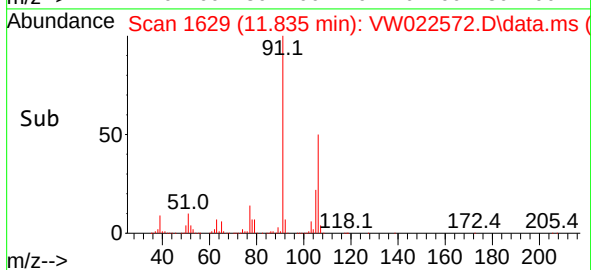
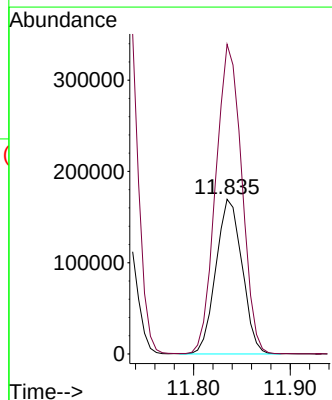
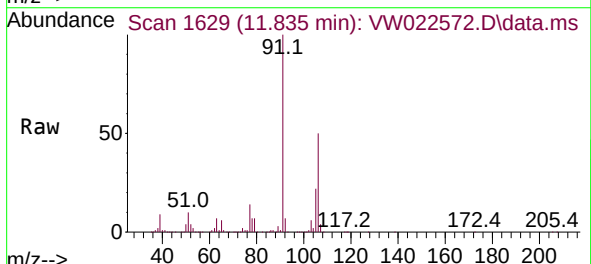
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

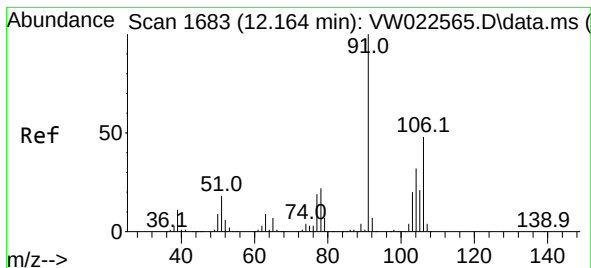
Tgt Ion: 91 Resp: 805126
Ion Ratio Lower Upper
91 100
106 32.4 20.5 38.1



#53
m,p-Xylene
Concen: 27.164 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion: 106 Resp: 319333
Ion Ratio Lower Upper
106 100
91 200.2 149.9 278.5

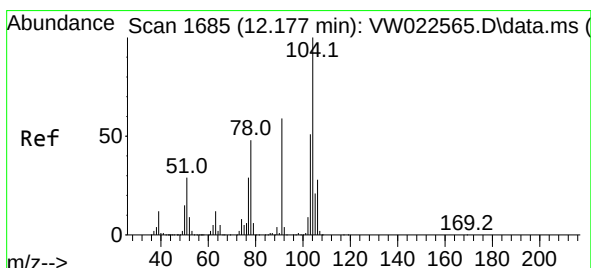
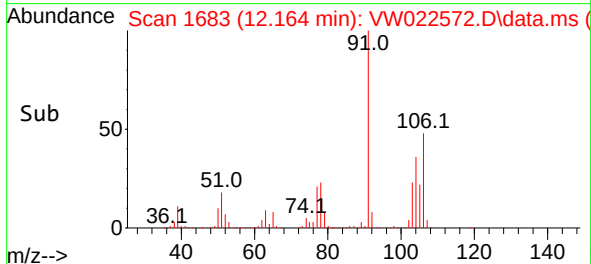
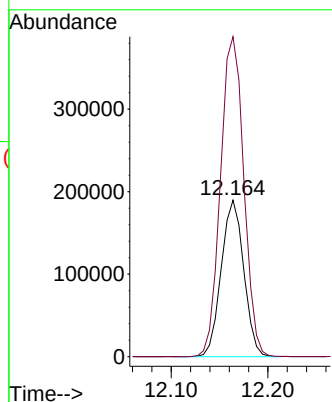
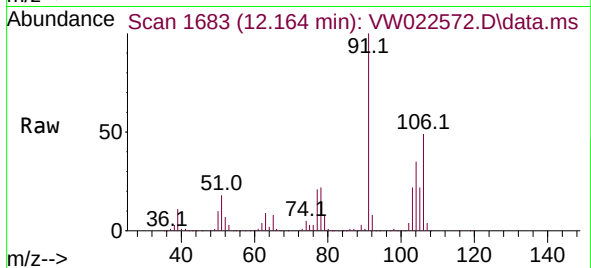




#54
o-Xylene
Concen: 27.252 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

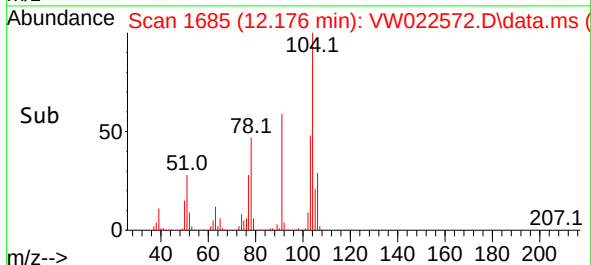
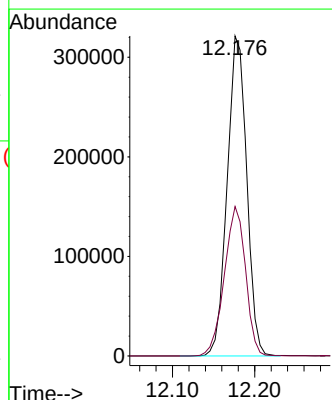
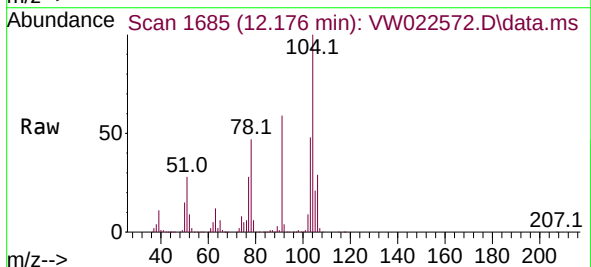
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

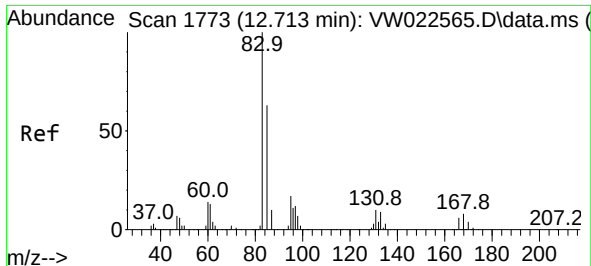
Tgt Ion:106 Resp: 306150
Ion Ratio Lower Upper
106 100
91 204.5 155.3 288.3



#55
Styrene
Concen: 27.638 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion:104 Resp: 530460
Ion Ratio Lower Upper
104 100
78 46.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.548 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

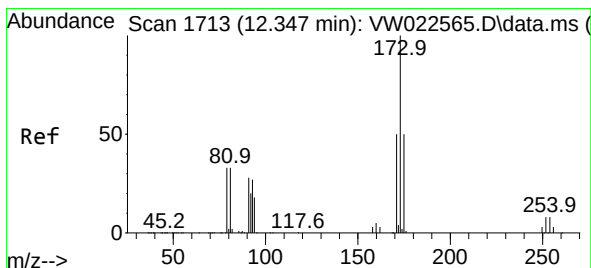
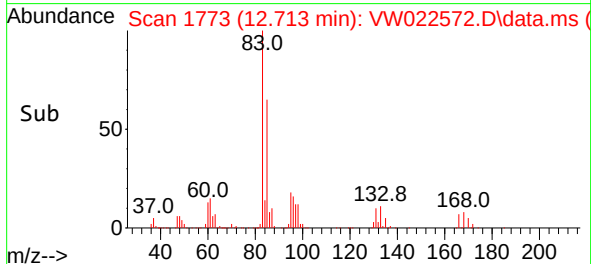
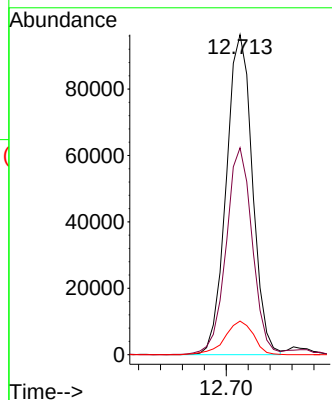
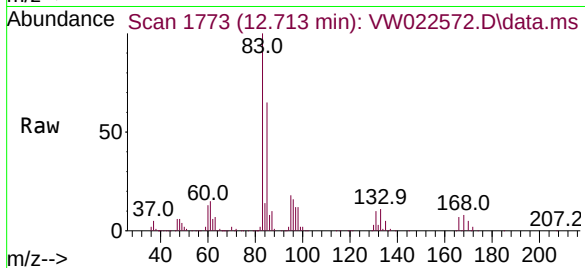
Tgt Ion: 83 Resp: 159614

Ion Ratio Lower Upper

83 100

85 64.6 45.5 84.5

131 10.5 7.8 11.8



#59

Bromoform

Concen: 28.537 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

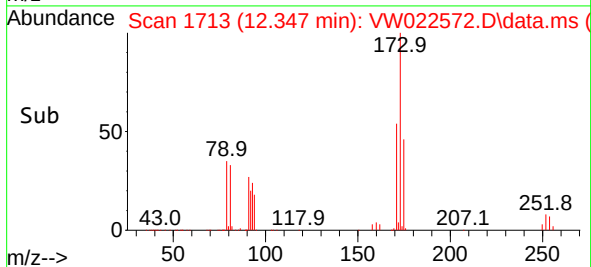
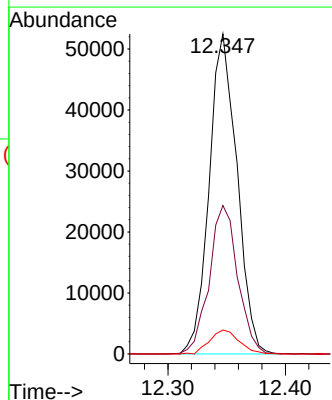
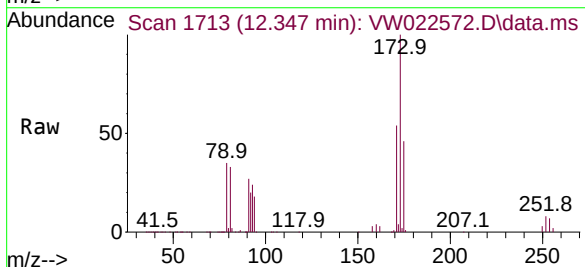
Tgt Ion:173 Resp: 86298

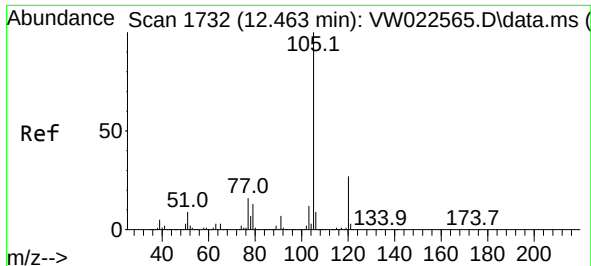
Ion Ratio Lower Upper

173 100

175 47.5 39.2 58.8

254 7.9 6.6 9.8

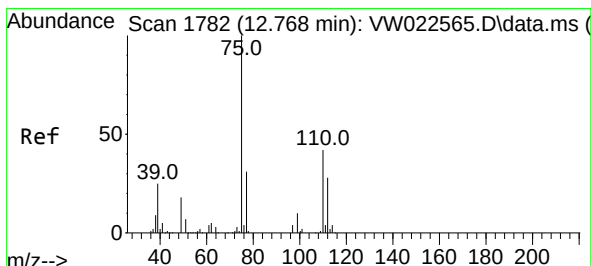
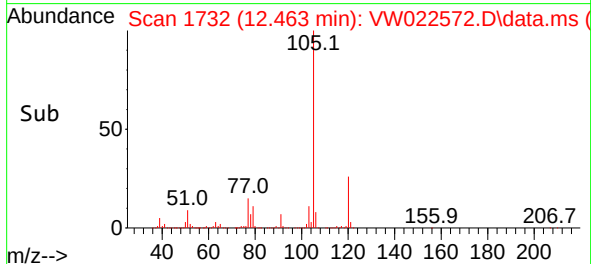
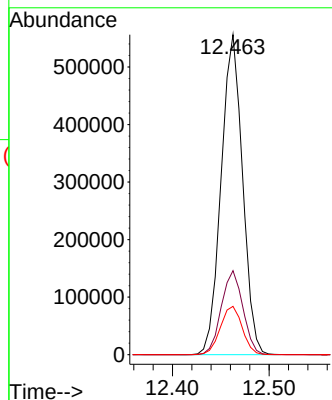
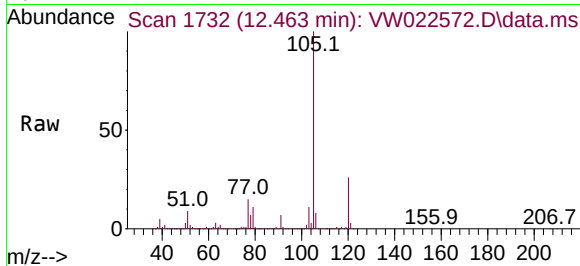




#60
Isopropylbenzene
Concen: 25.286 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

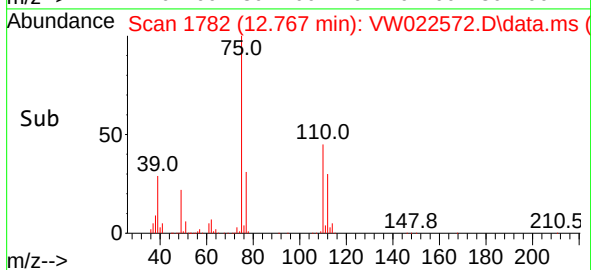
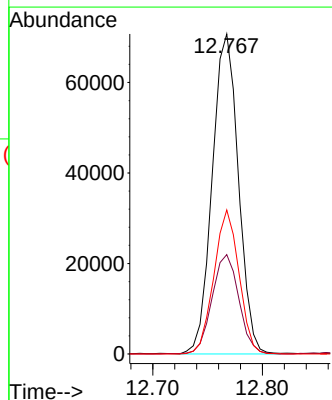
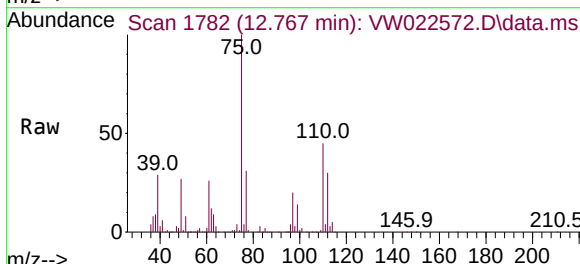
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

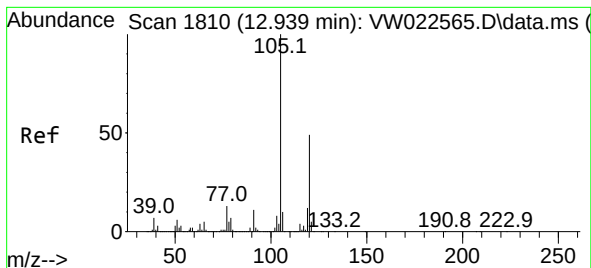
Tgt Ion:105 Resp: 854831
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 15.5 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 27.093 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022572.D
Acq: 19 Apr 2022 09:53

Tgt Ion: 75 Resp: 117290
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 43.1 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 26.078 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

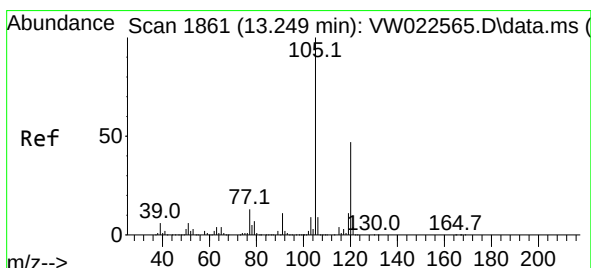
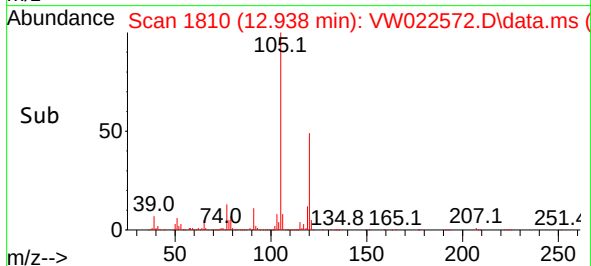
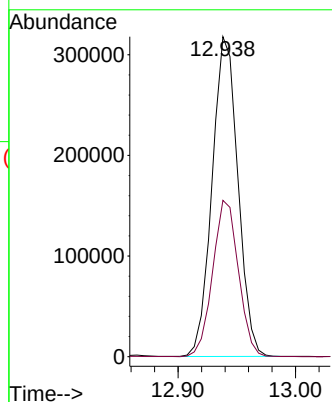
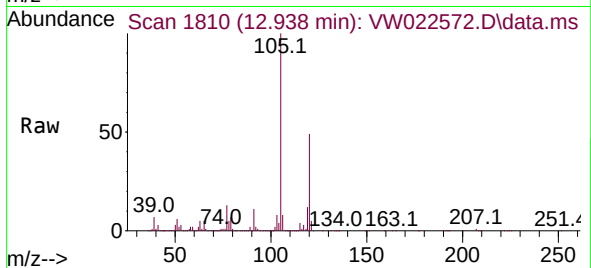
VSTD025491

Tgt Ion:105 Resp: 484845

Ion Ratio Lower Upper

105 100

120 48.8 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 25.477 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022572.D

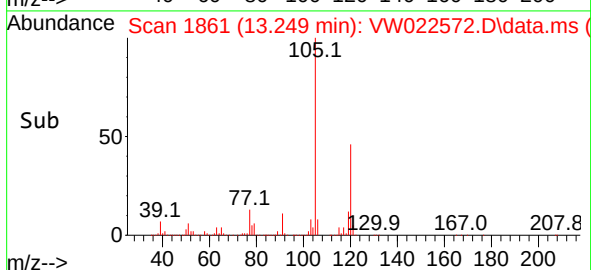
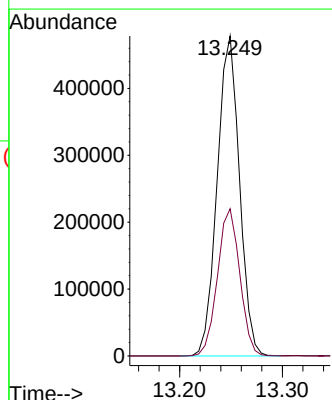
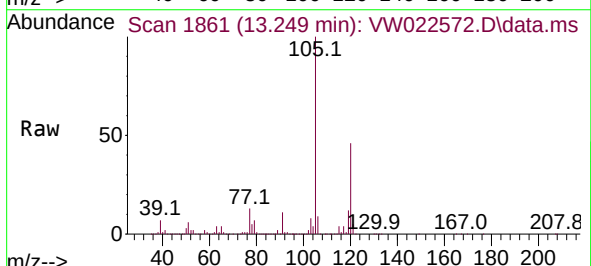
Acq: 19 Apr 2022 09:53

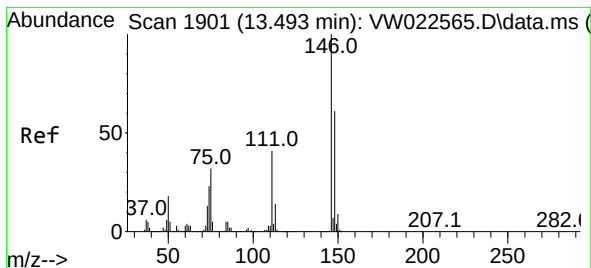
Tgt Ion:105 Resp: 720284

Ion Ratio Lower Upper

105 100

120 46.0 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 26.949 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

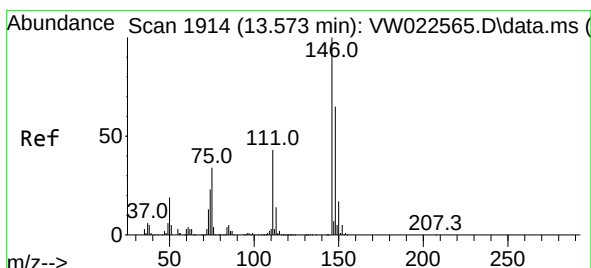
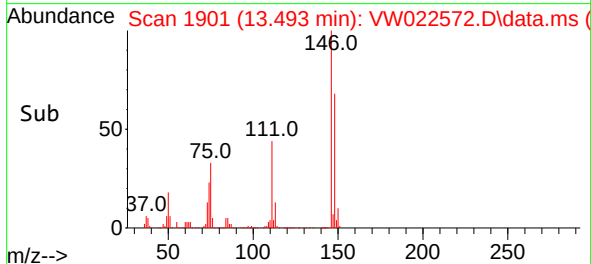
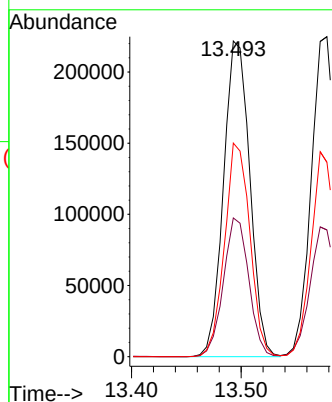
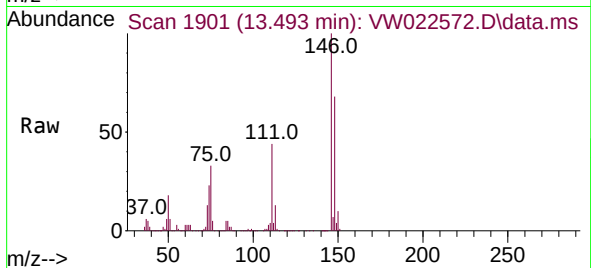
Tgt Ion:146 Resp: 369746

Ion Ratio Lower Upper

146 100

111 44.0 28.2 52.4

148 67.7 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 26.661 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

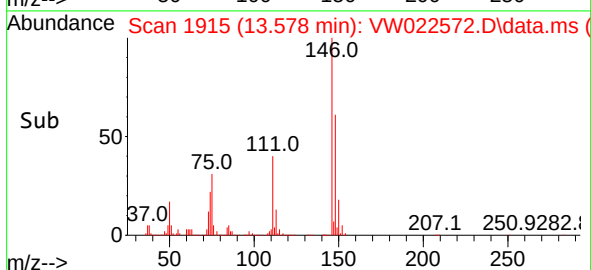
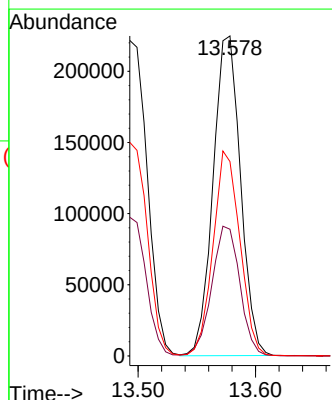
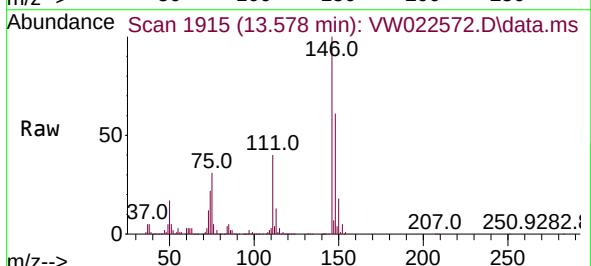
Tgt Ion:146 Resp: 364818

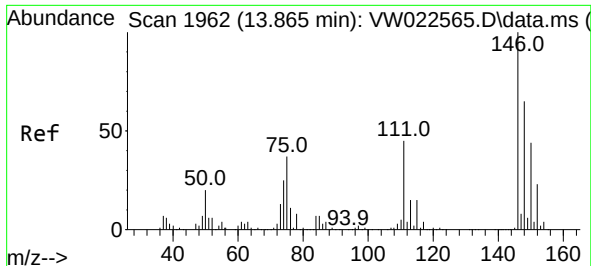
Ion Ratio Lower Upper

146 100

111 39.6 28.5 52.9

148 60.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 27.589 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

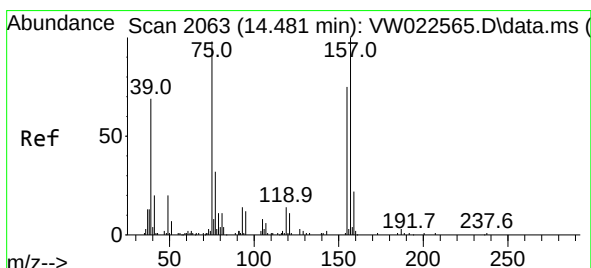
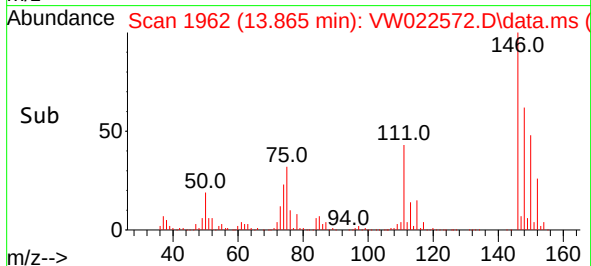
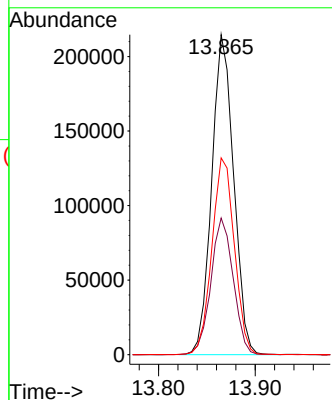
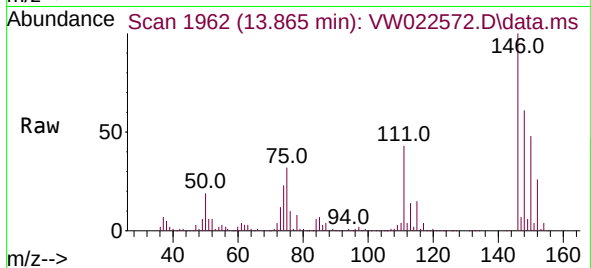
Tgt Ion:146 Resp: 338521

Ion Ratio Lower Upper

146 100

111 42.7 39.0 58.4

148 61.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 27.195 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

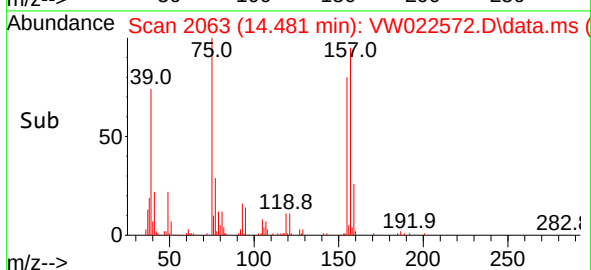
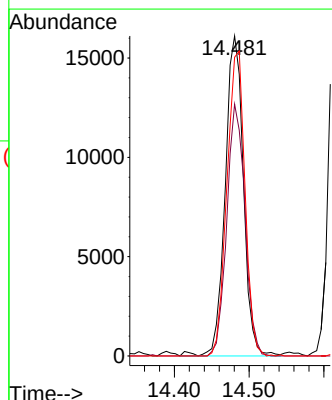
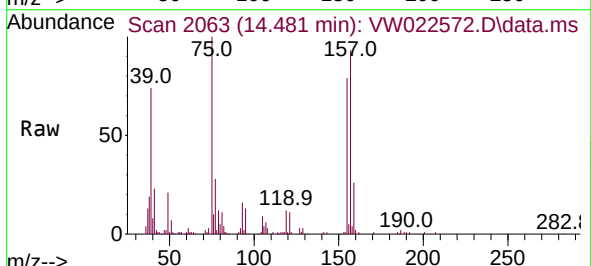
Tgt Ion: 75 Resp: 27304

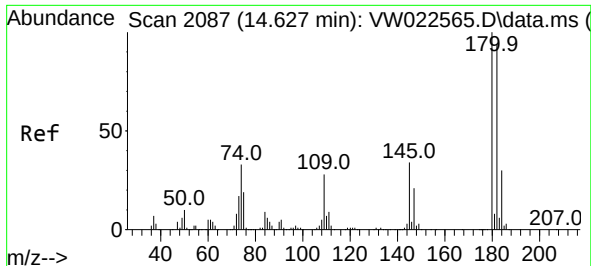
Ion Ratio Lower Upper

75 100

155 78.7 55.6 83.4

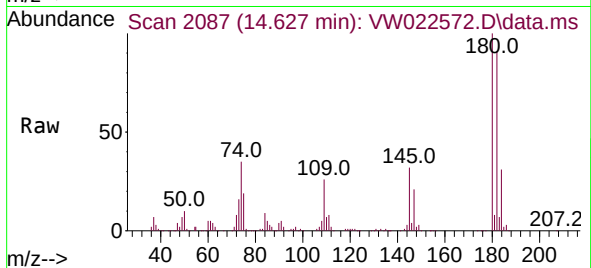
157 93.3 69.8 104.6



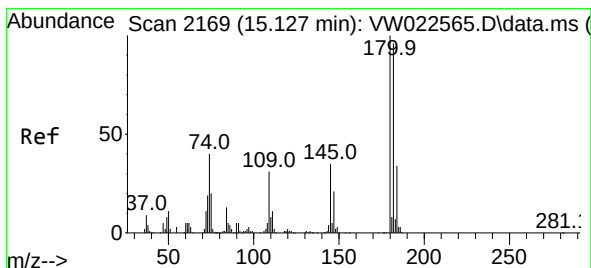
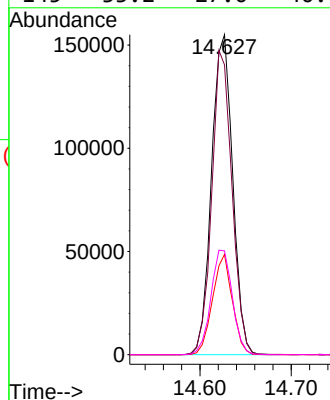
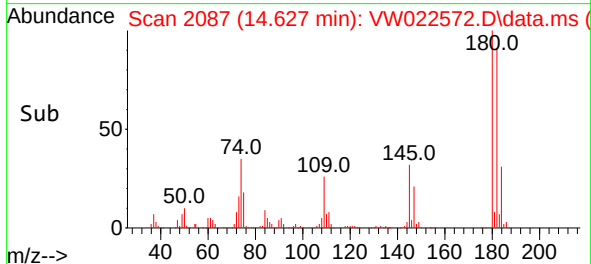


#69
 1,3,5-Trichlorobenzene
 Concen: 27.787 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53

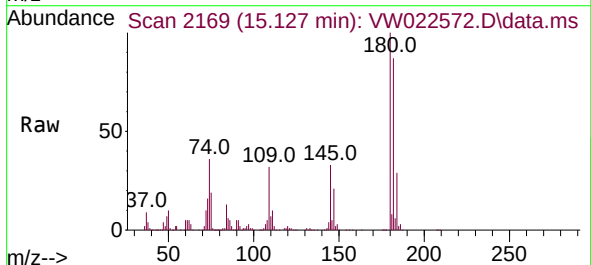
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491



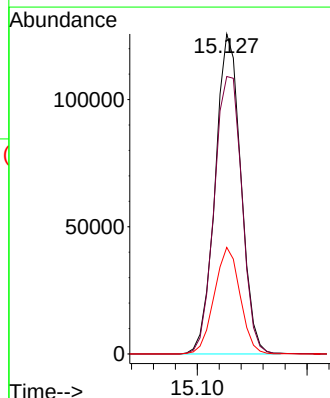
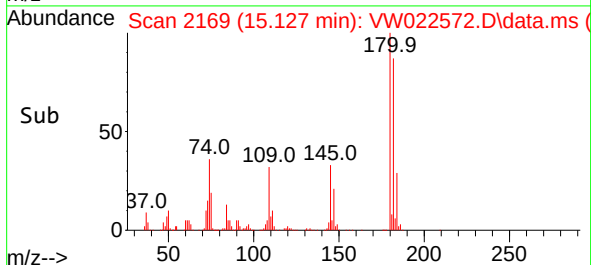
Tgt Ion:180 Resp: 248741
 Ion Ratio Lower Upper
 180 100
 182 90.9 79.1 118.7
 184 29.3 24.5 36.7
 145 33.2 27.0 40.4

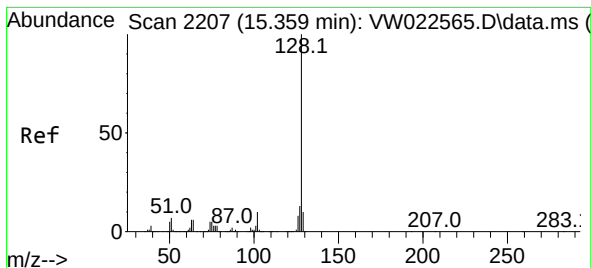


#70
 1,2,4-trichlorobenzene
 Concen: 27.242 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022572.D
 Acq: 19 Apr 2022 09:53



Tgt Ion:180 Resp: 204809
 Ion Ratio Lower Upper
 180 100
 182 93.4 72.8 109.2
 145 33.4 25.5 38.3





#71

Naphthalene

Concen: 28.427 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

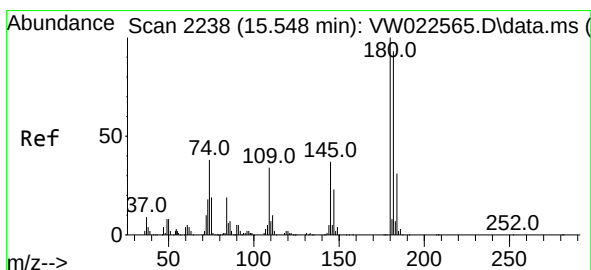
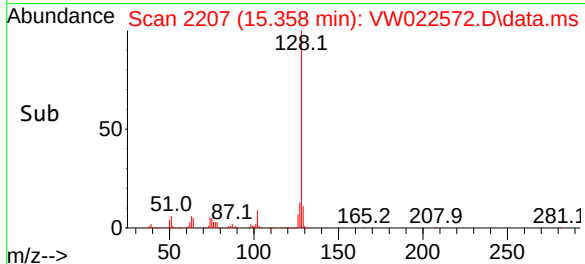
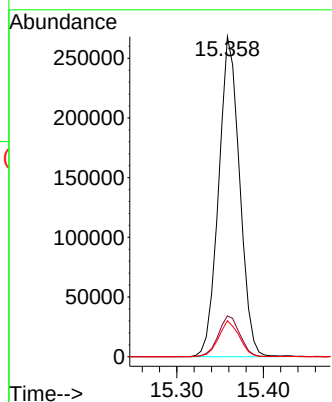
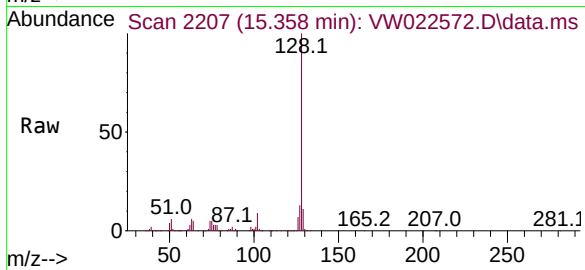
Tgt Ion:128 Resp: 450769

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 27.573 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022572.D

Acq: 19 Apr 2022 09:53

Tgt Ion:180 Resp: 177190

Ion Ratio Lower Upper

180 100

182 91.4 73.4 110.0

145 34.8 27.0 40.6

