

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041922\
 Data File : VW022580.D
 Acq On : 19 Apr 2022 16:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Apr 20 01:27:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 20 01:25:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	349785	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339677	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191425	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	163409	21.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
7) Chloroethane-d5	2.891	69	101712	20.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	4.019	63	250632	24.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.960%
21) 2-Butanone-d5	7.074	46	57392	42.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.020%
24) Chloroform-d	7.647	84	265696	24.302	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	8.305	65	138213	22.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	8.275	84	508999	24.527	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.120%
36) 1,2-Dichloropropane-d6	9.274	67	140547	23.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.323	98	498645	24.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.579	79	61572	21.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.880%
47) 2-Hexanone-d5	10.920	63	48316	43.241	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	117395	22.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	164175	24.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	32983	19.236	ug/L	93
3) Chloromethane	2.221	50	79025	18.485	ug/L	97
5) Vinyl chloride	2.367	62	180195	20.200	ug/L	96
6) Bromomethane	2.782	94	94276	17.386	ug/L	98
8) Chloroethane	2.928	64	78903	20.204	ug/L	100
9) Trichlorofluoromethane	3.257	101	113876	34.578	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129501	24.694	ug/L	97
12) 1,1-Dichloroethene	4.037	96	113247	24.046	ug/L	90
13) Acetone	4.123	43	56880	61.881	ug/L	92
14) Carbon disulfide	4.385	76	297616	19.209	ug/L	98
15) Methyl Acetate	4.665	43	48961	21.226	ug/L	97
16) Methylene chloride	4.915	84	126760	24.084	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	126706	22.966	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	205032	22.755	ug/L	96
19) 1,1-Dichloroethane	6.220	63	228807	22.729	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	144129	24.735	ug/L #	87
22) 2-Butanone	7.165	43	70315	50.650	ug/L	93
23) Bromochloromethane	7.512	128	62764	25.028	ug/L	90
25) Chloroform	7.677	83	258636	24.393	ug/L	99

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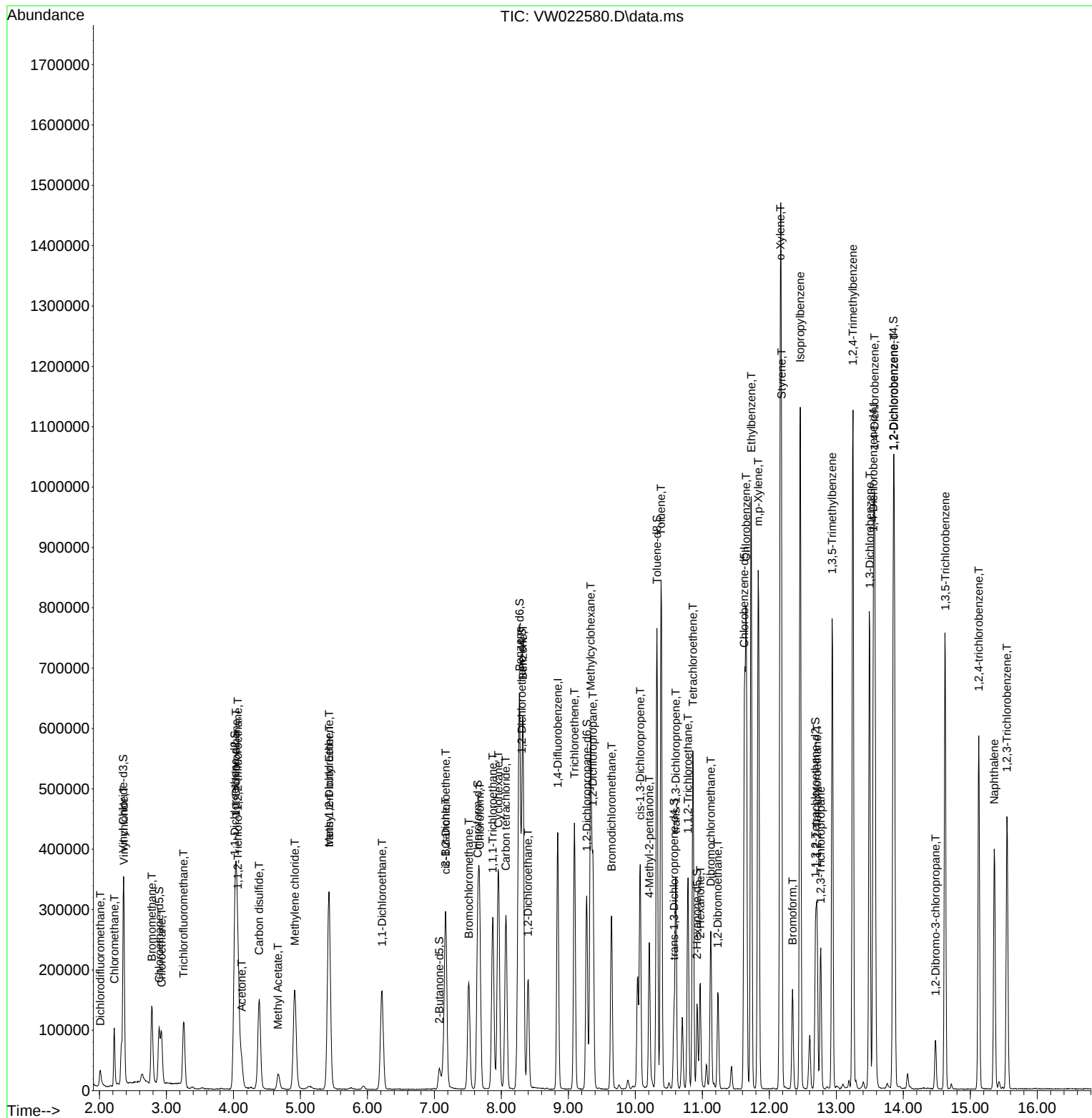
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	166530	22.347	ug/L	96
29) Cyclohexane	7.958	56	198718	20.440	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	226643	24.053	ug/L	97
31) Carbon tetrachloride	8.067	117	209905	24.820	ug/L	99
33) Benzene	8.323	78	533678	23.141	ug/L	100
34) Trichloroethene	9.091	95	147957	23.961	ug/L	98
35) Methylcyclohexane	9.335	83	240518	21.710	ug/L	96
37) 1,2-Dichloropropane	9.366	63	127995	23.167	ug/L	99
38) Bromodichloromethane	9.646	83	187700	23.625	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	210329	23.991	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	148201	43.955	ug/L	95
42) Toluene	10.384	91	614116	23.239	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	179803	22.905	ug/L	94
45) 1,1,2-Trichloroethane	10.786	97	104188	24.709	ug/L	98
46) Tetrachloroethene	10.859	164	112198	24.719	ug/L	90
48) 2-Hexanone	10.969	43	105736	44.452	ug/L #	95
49) Dibromochloromethane	11.128	129	129347	25.722	ug/L	98
50) 1,2-Dibromoethane	11.231	107	102186	24.543	ug/L	98
51) Chlorobenzene	11.652	112	392664	24.315	ug/L	98
52) Ethylbenzene	11.731	91	701292	23.676	ug/L	95
53) m,p-Xylene	11.835	106	273393	24.274	ug/L	93
54) o-Xylene	12.164	106	263062	24.442	ug/L	89
55) Styrene	12.182	104	459264	24.976	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	123380	23.840	ug/L	98
59) Bromoform	12.347	173	66523	23.387	ug/L	99
60) Isopropylbenzene	12.463	105	739758	23.264	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	90368	22.192	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	410821	23.492	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	614742	23.117	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	305707	23.688	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	316147	24.563	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	281610	24.400	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19804	20.970	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	207209	24.609	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	165532	23.408	ug/L	97
71) Naphthalene	15.359	128	336490	22.560	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	136901	22.649	ug/L	96

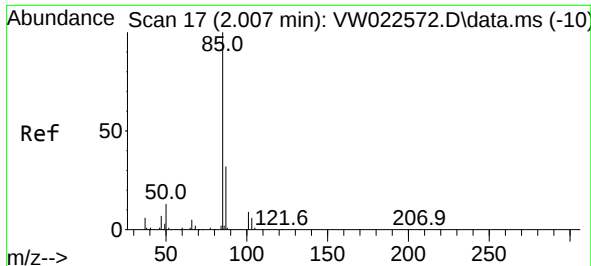
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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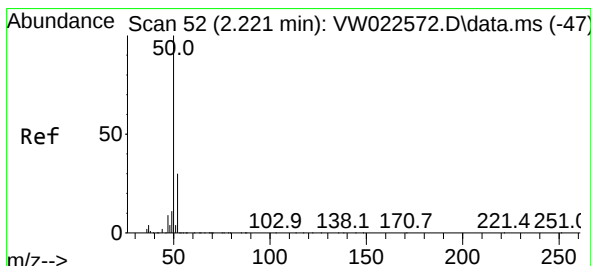
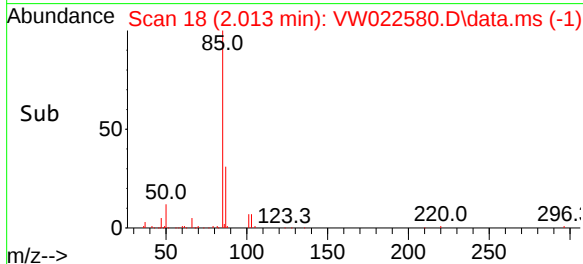
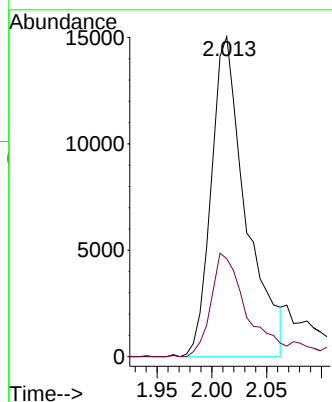
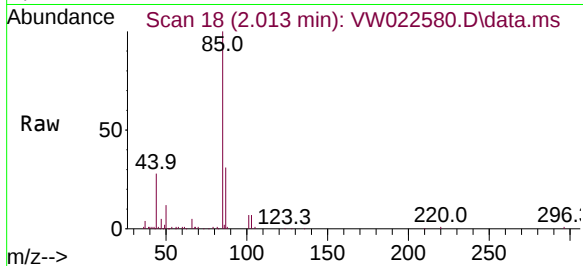




#2
 Dichlorodifluoromethane
 Concen: 19.236 ug/L
 RT: 2.013 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

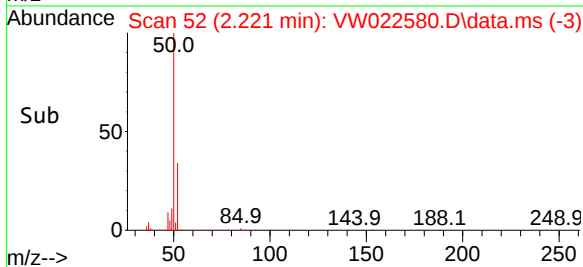
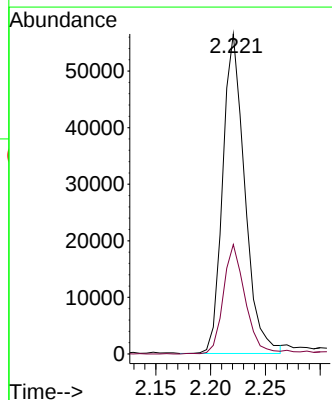
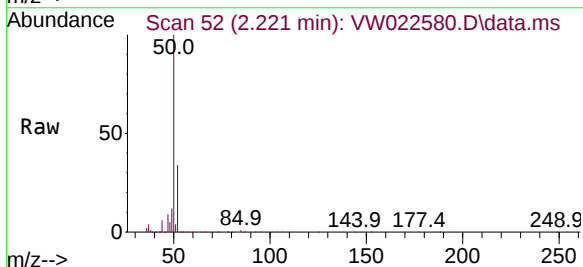
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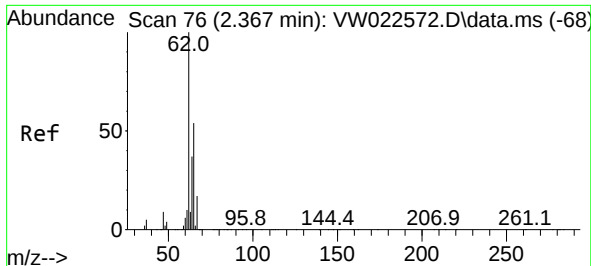
Tgt Ion: 85 Resp: 32983
 Ion Ratio Lower Upper
 85 100
 87 33.3 23.7 35.5



#3
 Chloromethane
 Concen: 18.485 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

Tgt Ion: 50 Resp: 79025
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.0 42.6

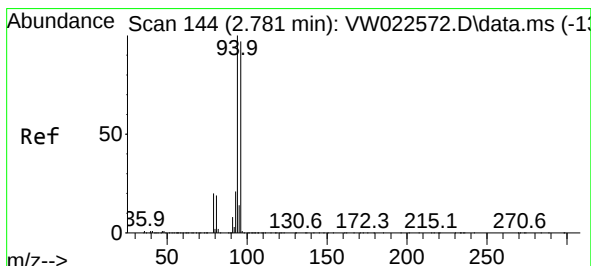
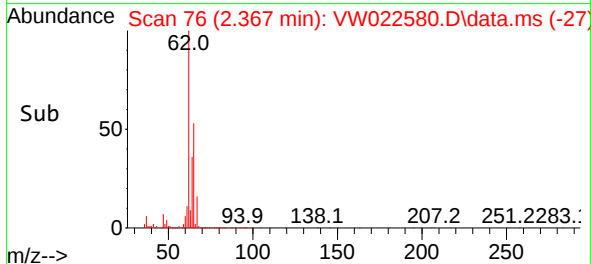
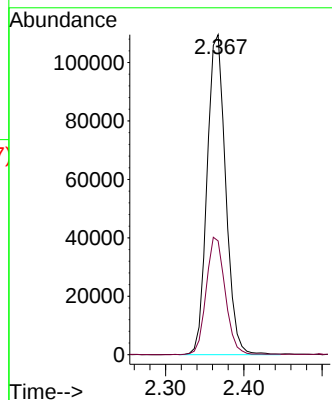
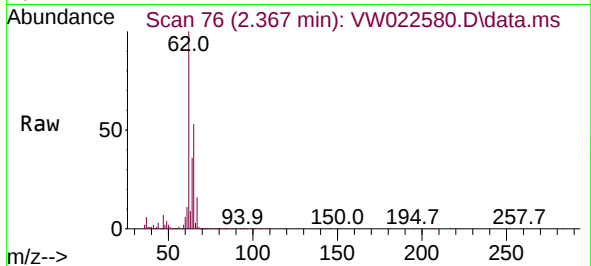




#5
 Vinyl chloride
 Concen: 20.200 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

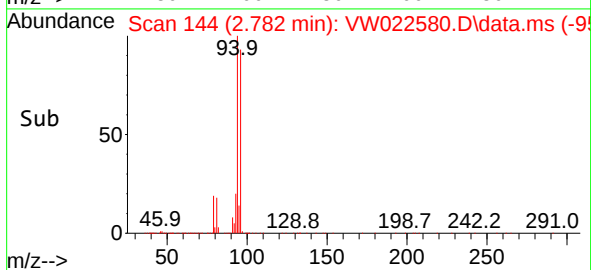
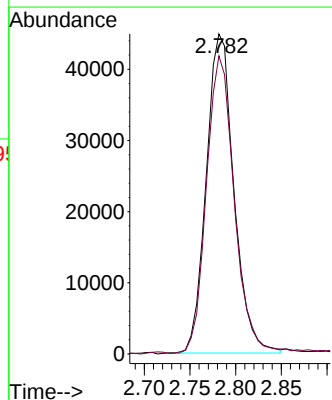
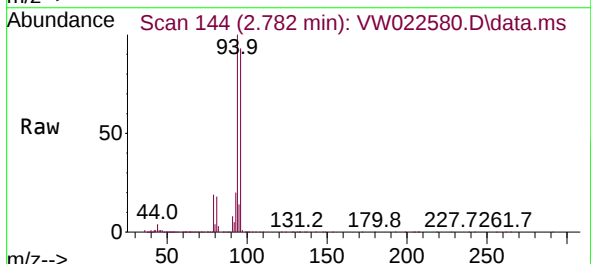
Instrument :
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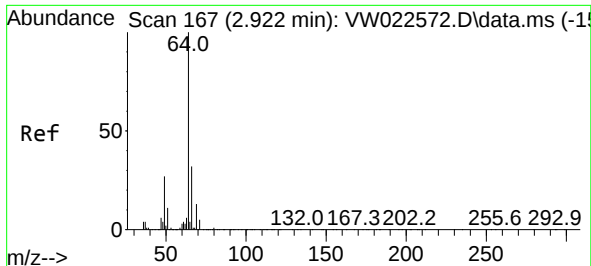
Tgt Ion: 62 Resp: 180195
 Ion Ratio Lower Upper
 62 100
 64 35.6 26.5 49.3



#6
 Bromomethane
 Concen: 17.386 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

Tgt Ion: 94 Resp: 94276
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.6 123.6

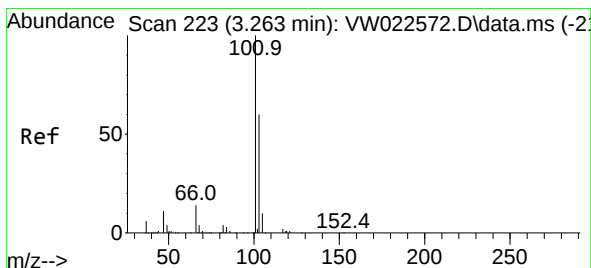
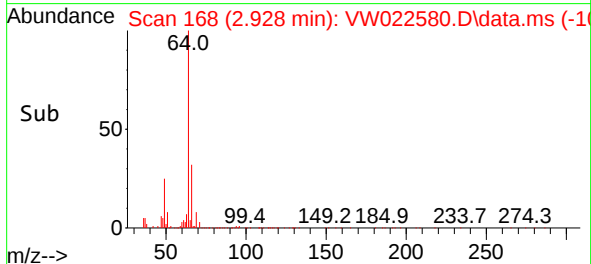
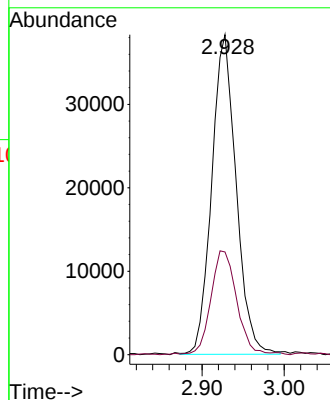
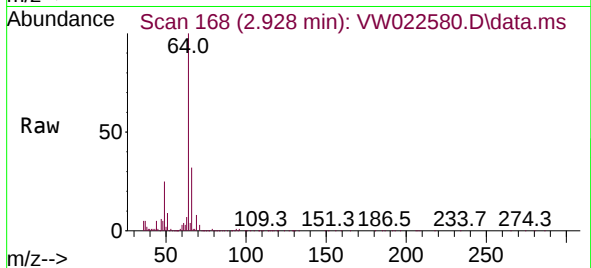




#8
Chloroethane
Concen: 20.204 ug/L
RT: 2.928 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

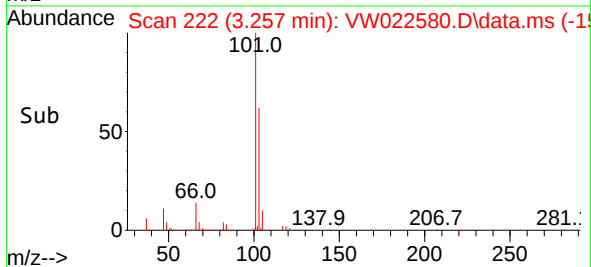
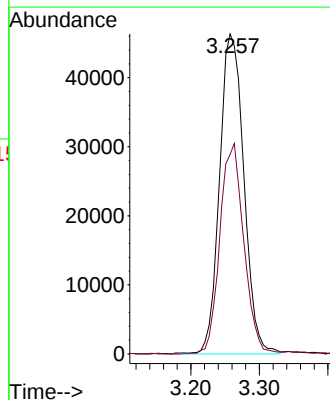
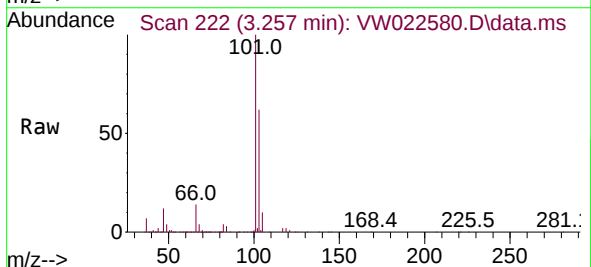
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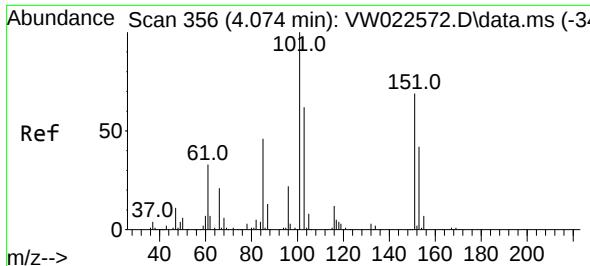
Tgt Ion: 64 Resp: 78903
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 34.578 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 101 Resp: 113876
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

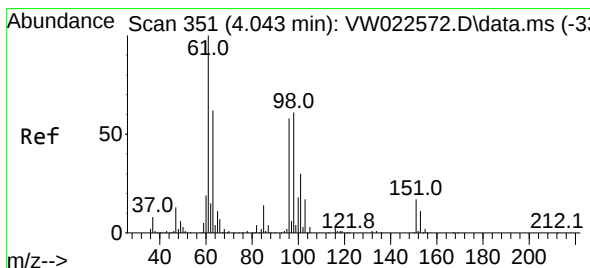
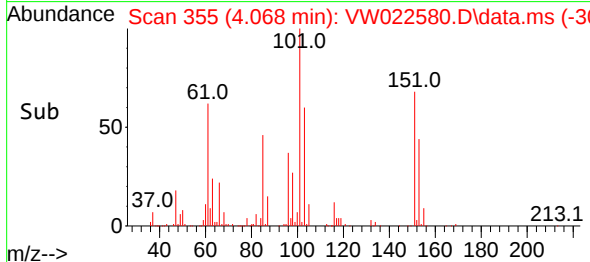
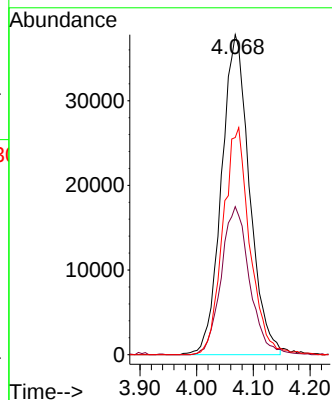
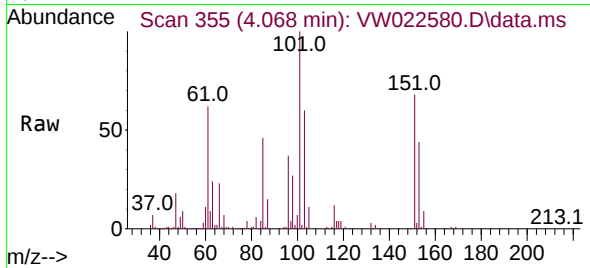




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.694 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

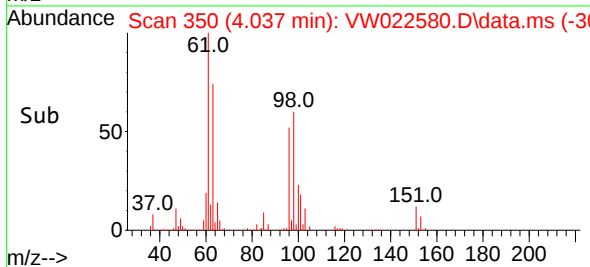
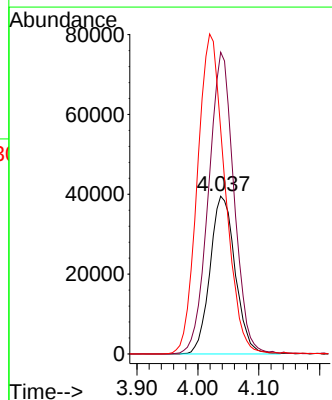
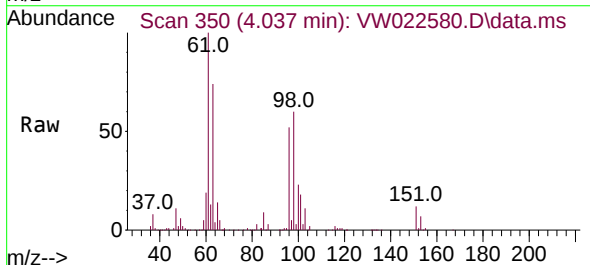
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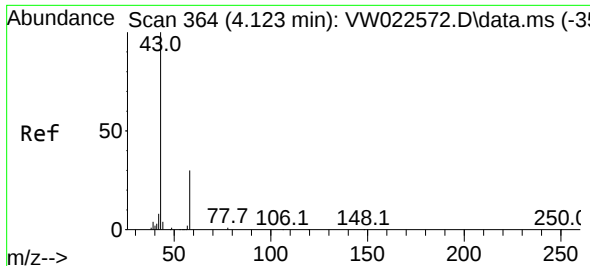
Tgt Ion:101 Resp: 129501
 Ion Ratio Lower Upper
 101 100
 85 46.8 39.2 58.8
 151 67.8 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.046 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

Tgt Ion: 96 Resp: 113247
 Ion Ratio Lower Upper
 96 100
 61 191.2 128.0 237.6
 63 142.1 86.6 160.8

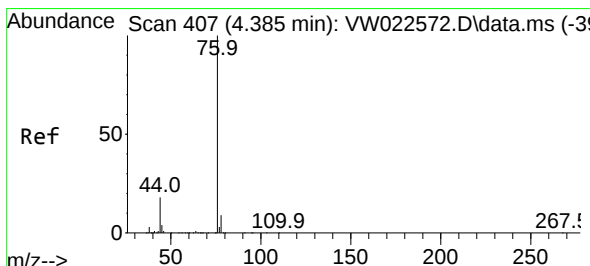
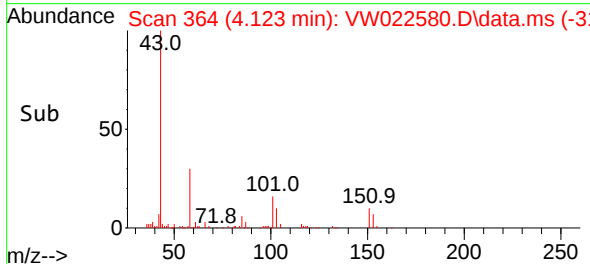
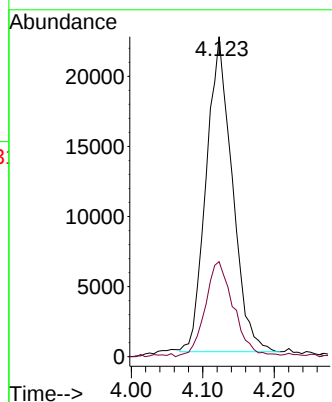
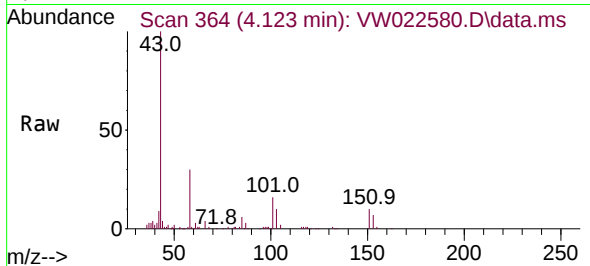




#13
Acetone
Concen: 61.881 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022580.D
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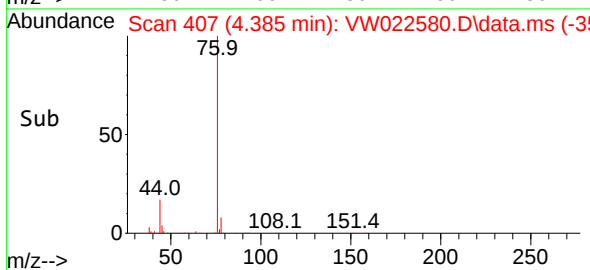
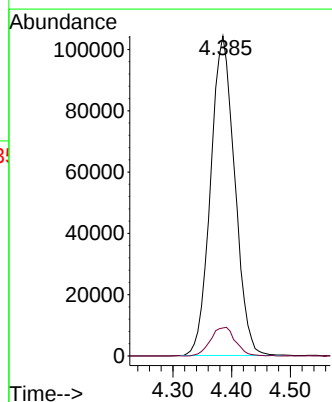
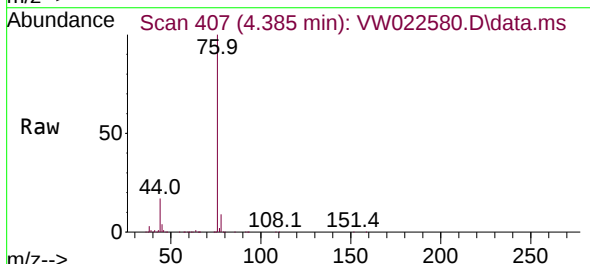
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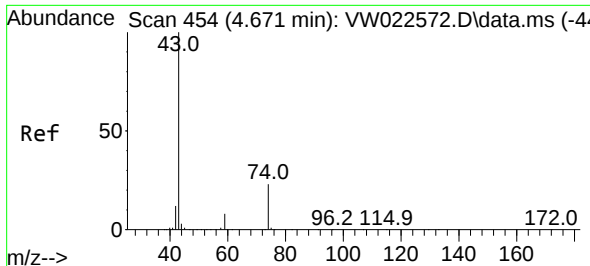
Tgt Ion: 43 Resp: 56880
Ion Ratio Lower Upper
43 100
58 32.7 0.0 57.0



#14
Carbon disulfide
Concen: 19.209 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 297616
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

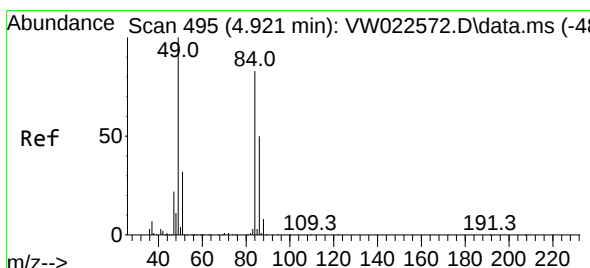
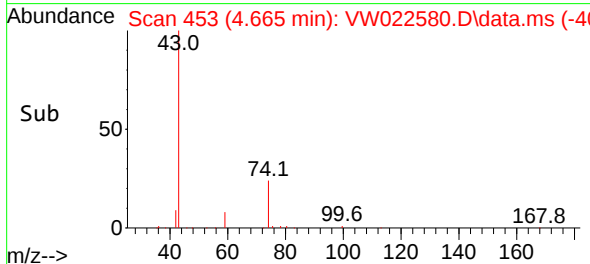
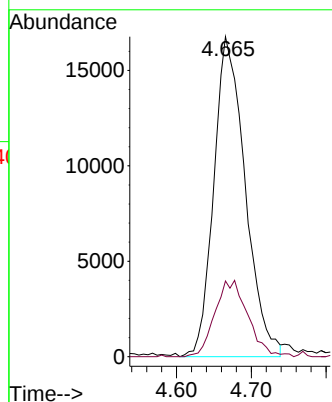
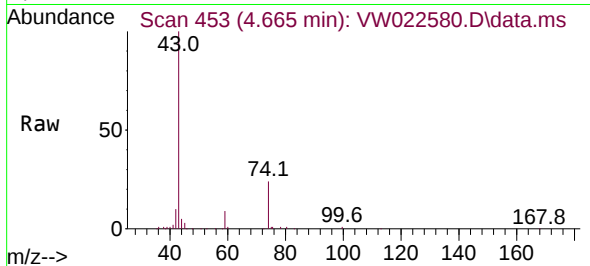




#15
Methyl Acetate
Concen: 21.226 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

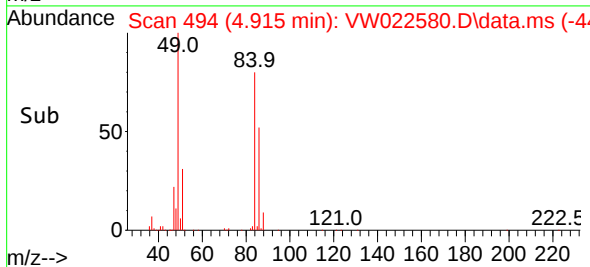
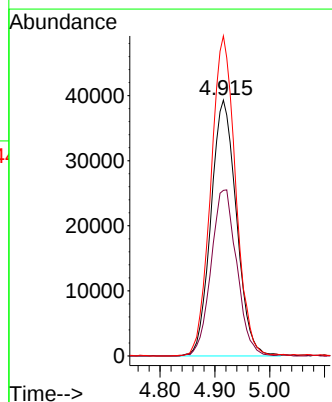
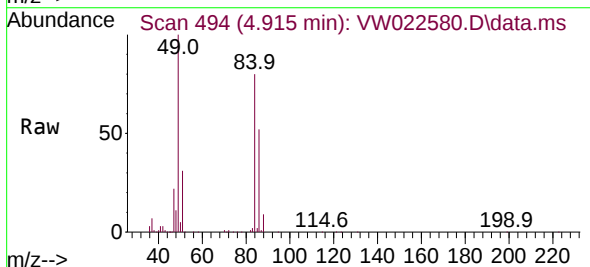
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

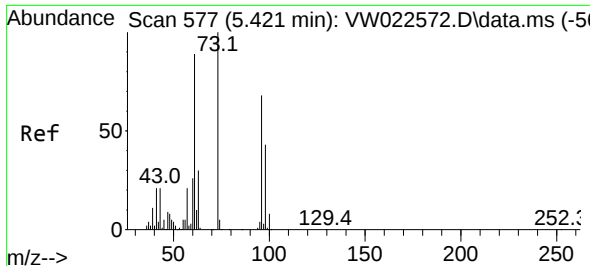
Tgt Ion: 43 Resp: 48961
Ion Ratio Lower Upper
43 100
74 24.6 18.5 27.7



#16
Methylene chloride
Concen: 24.084 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 84 Resp: 126760
Ion Ratio Lower Upper
84 100
86 64.7 42.8 79.4
49 125.1 94.2 175.0

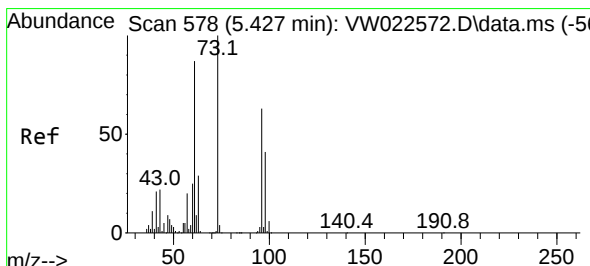
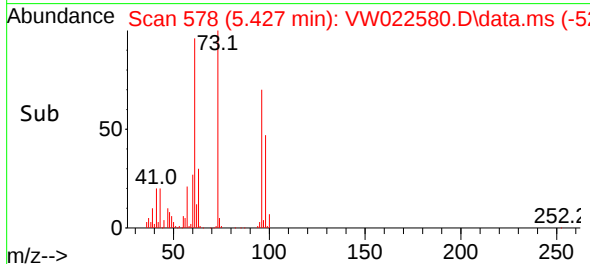
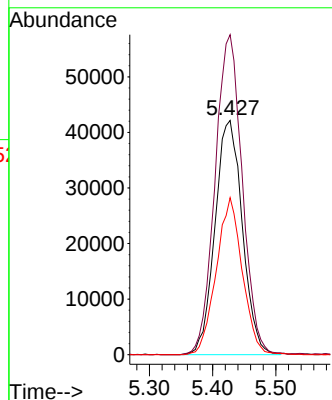
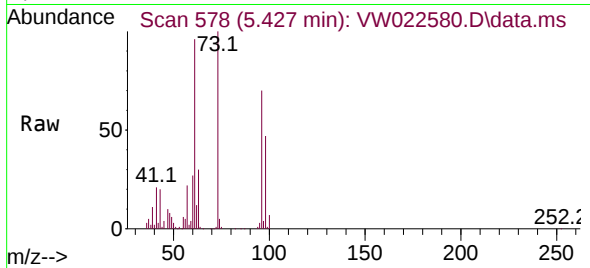




#17
trans-1,2-Dichloroethene
Concen: 22.966 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

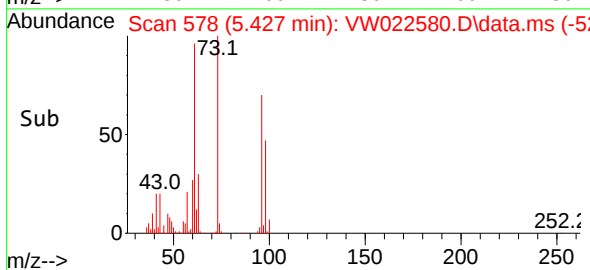
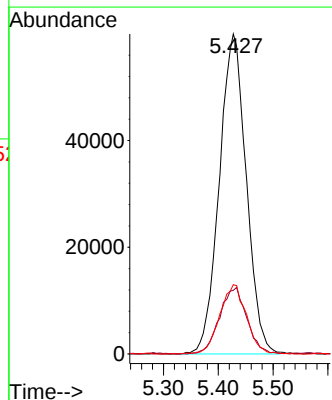
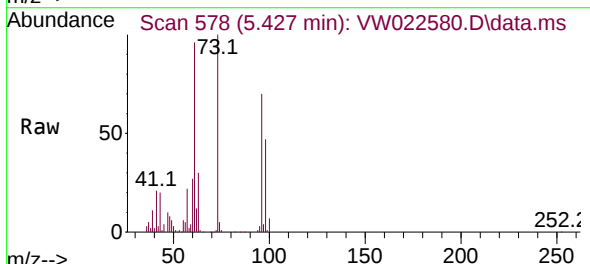
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

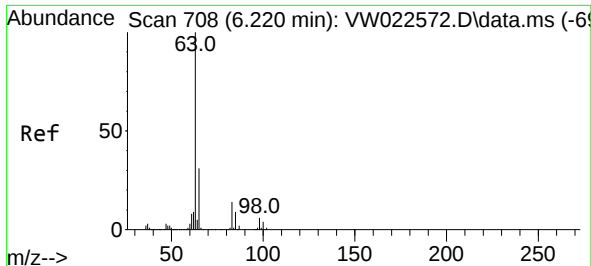
Tgt Ion: 96 Resp: 126706
Ion Ratio Lower Upper
96 100
61 136.6 99.8 185.4
98 67.0 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 22.755 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 73 Resp: 205032
Ion Ratio Lower Upper
73 100
43 20.9 18.8 28.2
57 21.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 22.729 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

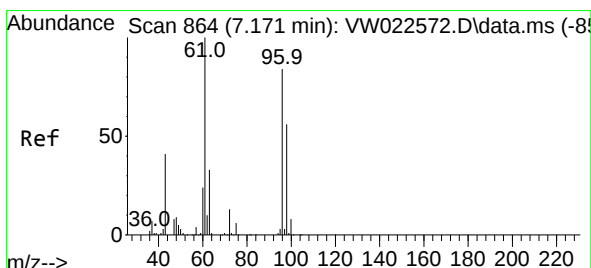
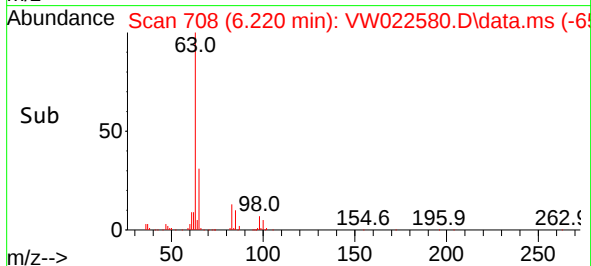
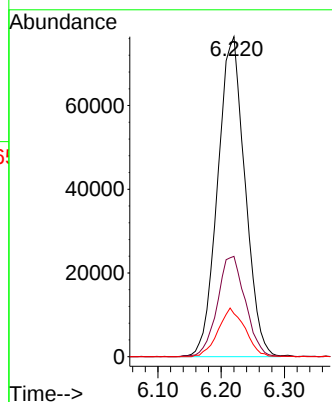
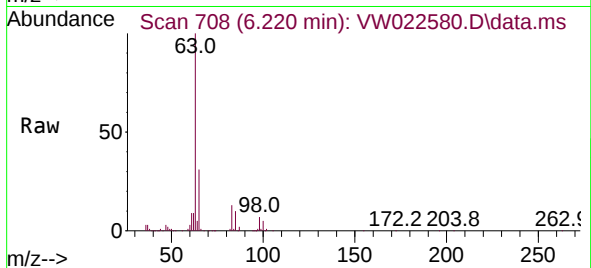
Tgt Ion: 63 Resp: 228807

Ion Ratio Lower Upper

63 100

65 31.3 21.1 39.3

83 13.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.735 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

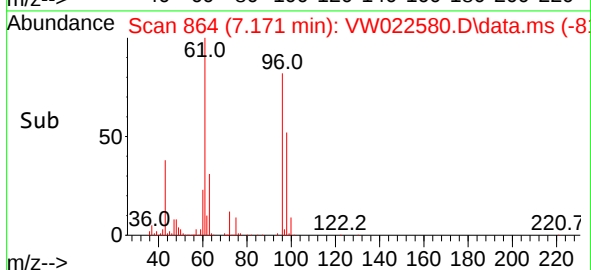
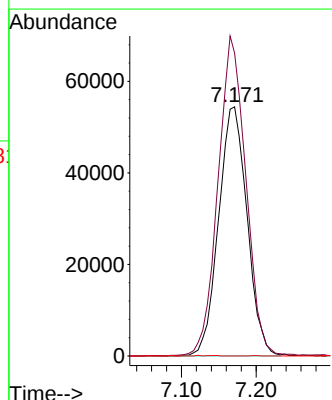
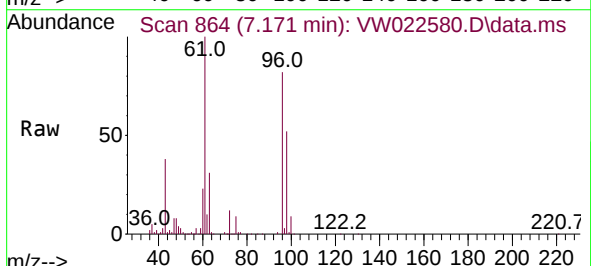
Tgt Ion: 96 Resp: 144129

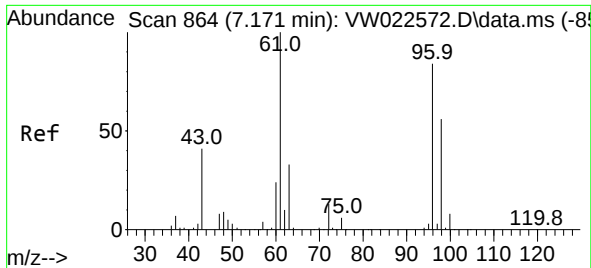
Ion Ratio Lower Upper

96 100

61 121.6 96.4 179.0

68 0.0 0.1 0.3

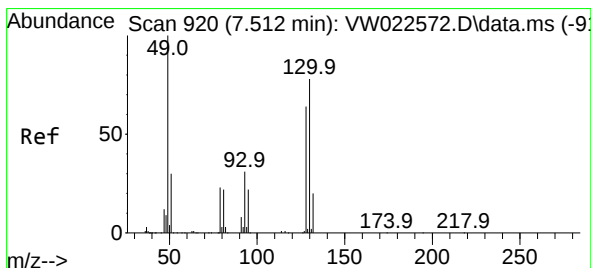
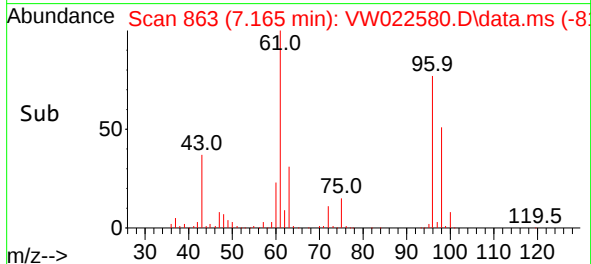
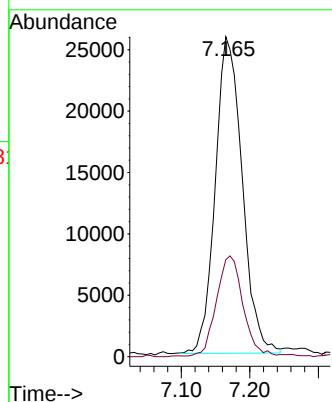
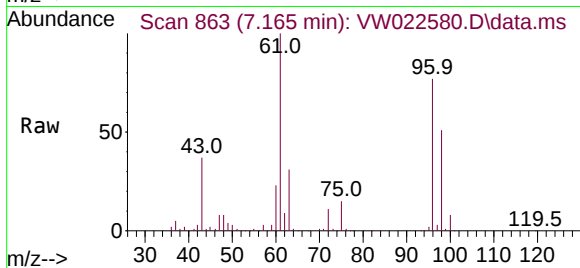




#22
2-Butanone
Concen: 50.650 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

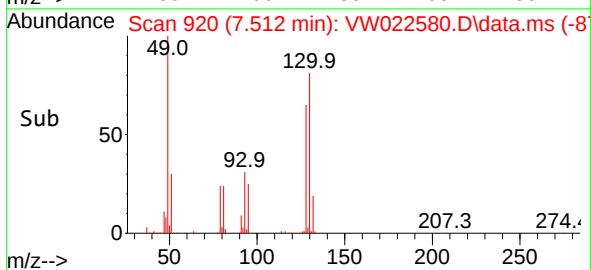
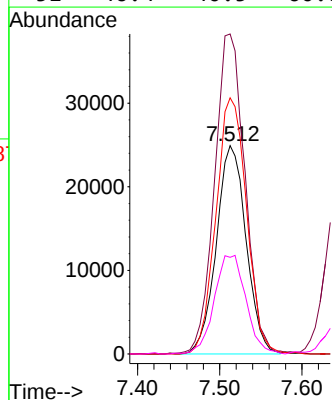
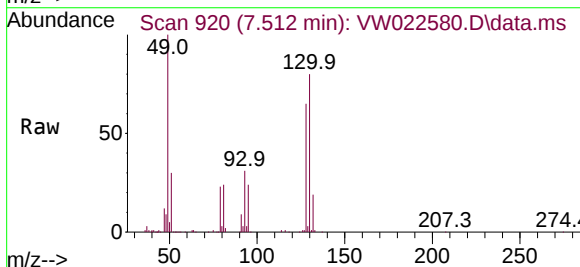
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

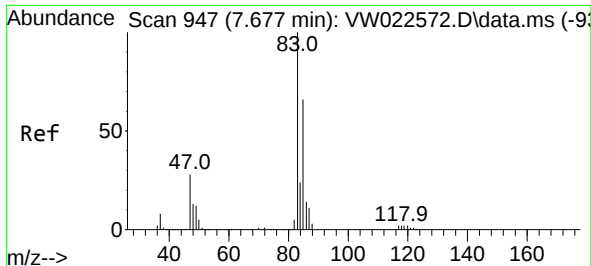
Tgt Ion: 43 Resp: 70315
Ion Ratio Lower Upper
43 100
72 31.4 14.0 42.0



#23
Bromochloromethane
Concen: 25.028 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 128 Resp: 62764
Ion Ratio Lower Upper
128 100
49 153.6 120.8 224.3
130 122.9 81.8 151.8
51 46.4 40.5 60.7

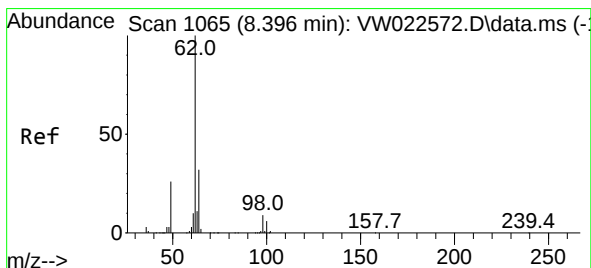
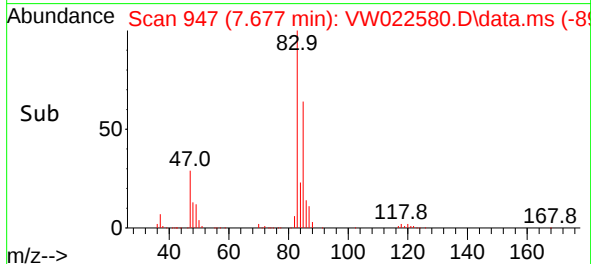
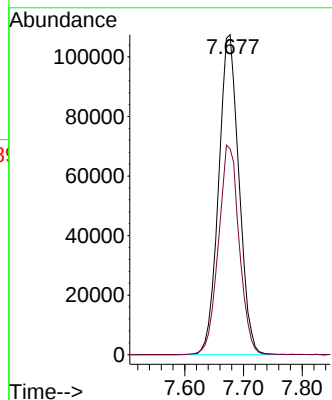
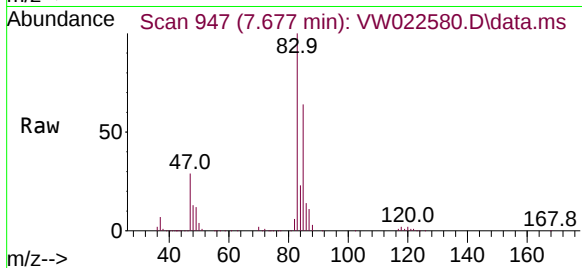




#25
Chloroform
Concen: 24.393 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

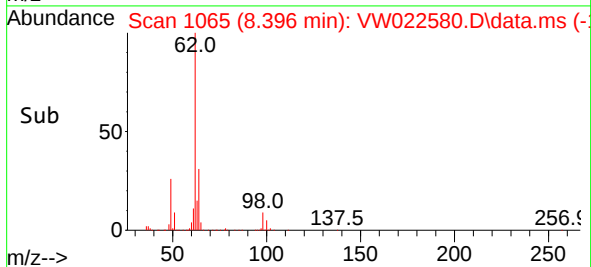
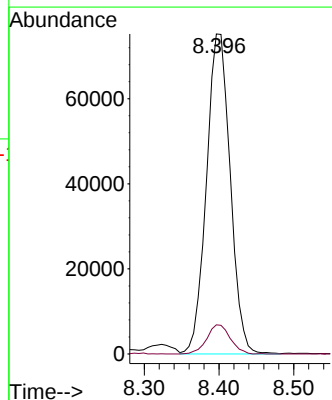
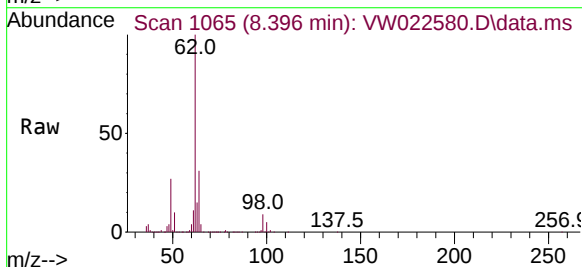
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

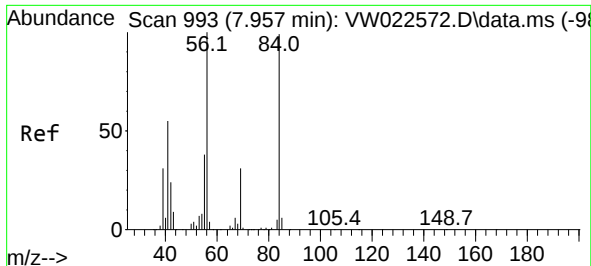
Tgt Ion: 83 Resp: 258636
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 22.347 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 62 Resp: 166530
Ion Ratio Lower Upper
62 100
98 9.1 6.2 9.2

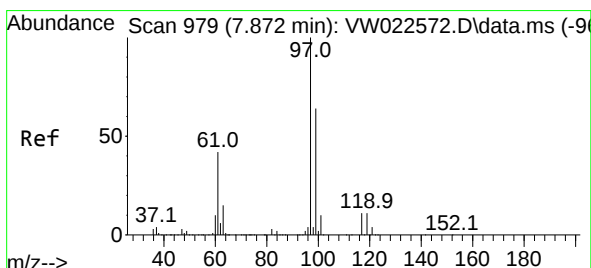
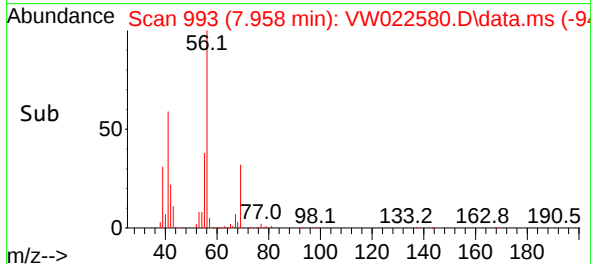
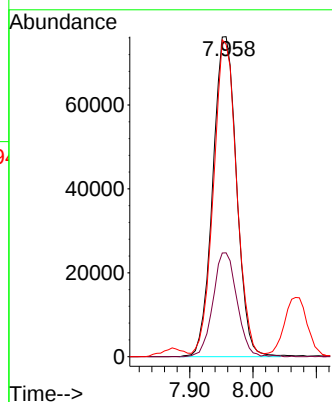
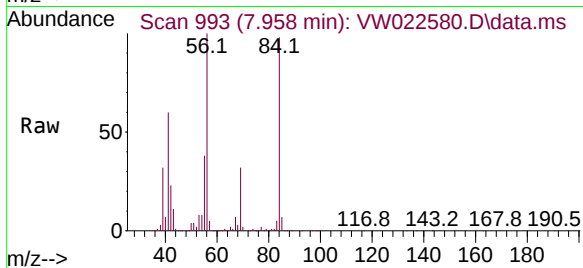




#29
Cyclohexane
Concen: 20.440 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

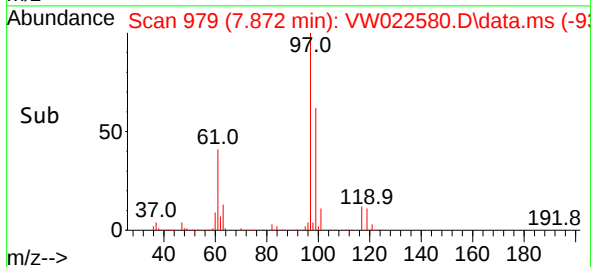
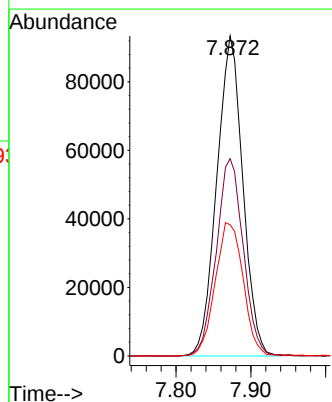
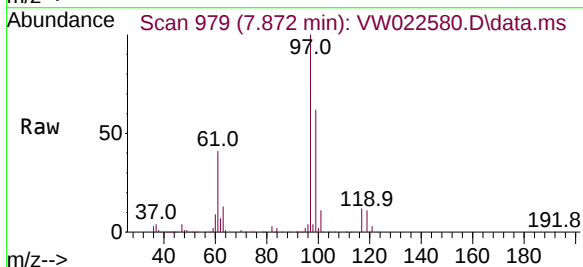
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

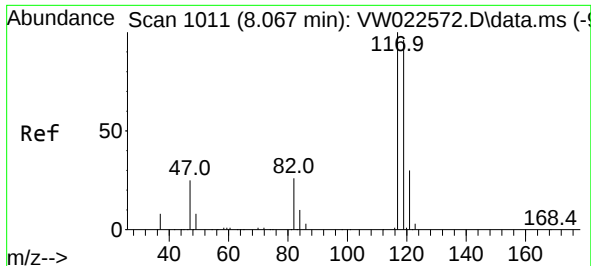
Tgt Ion: 56 Resp: 198718
Ion Ratio Lower Upper
56 100
69 32.5 24.4 36.6
84 96.5 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 24.053 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 97 Resp: 226643
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 44.5 38.7 58.1

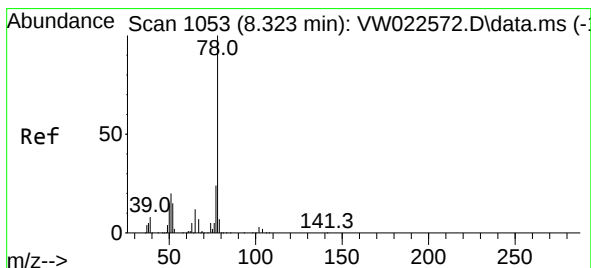
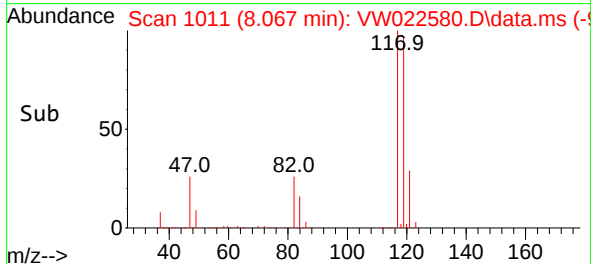
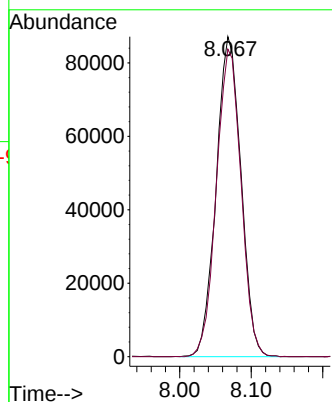
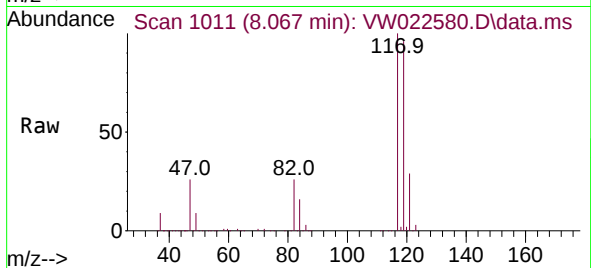




#31
Carbon tetrachloride
Concen: 24.820 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

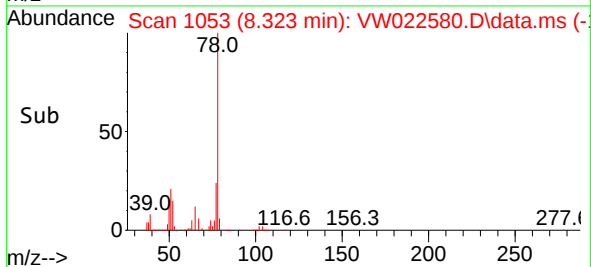
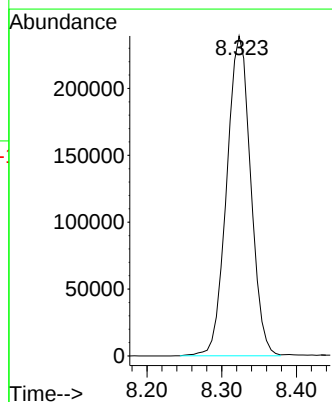
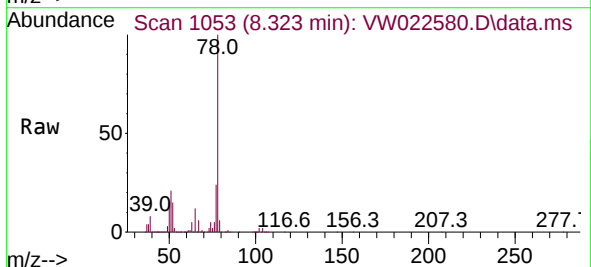
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

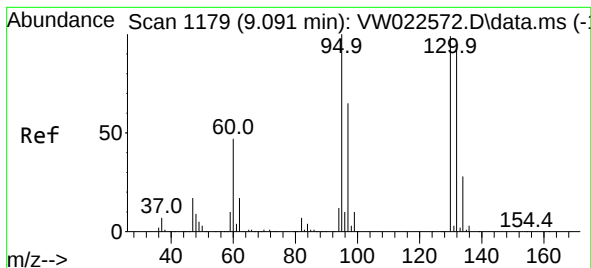
Tgt Ion:117 Resp: 209905
Ion Ratio Lower Upper
117 100
119 95.5 75.5 113.3



#33
Benzene
Concen: 23.141 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 78 Resp: 533678





#34

Trichloroethene

Concen: 23.961 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

Tgt Ion: 95 Resp: 147957

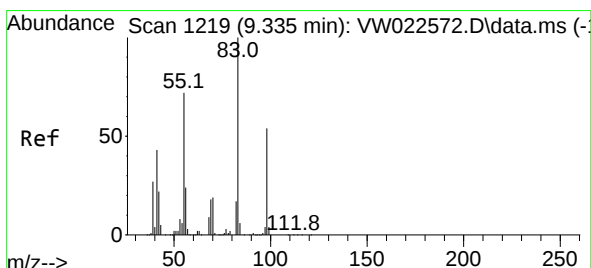
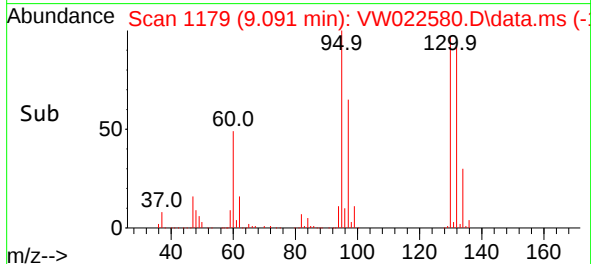
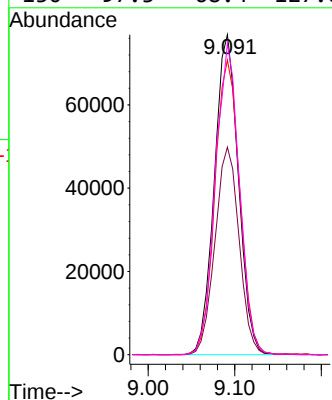
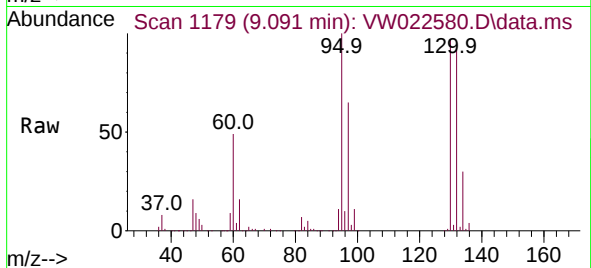
Ion Ratio Lower Upper

95 100

97 64.9 46.4 86.2

132 92.1 67.4 125.2

130 97.3 68.4 127.0



#35

Methylcyclohexane

Concen: 21.710 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

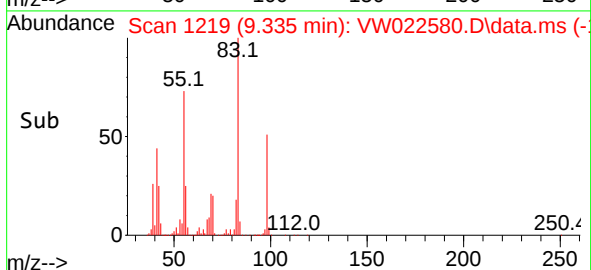
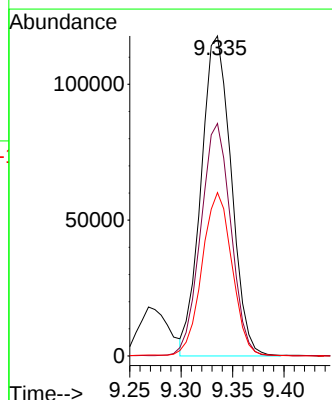
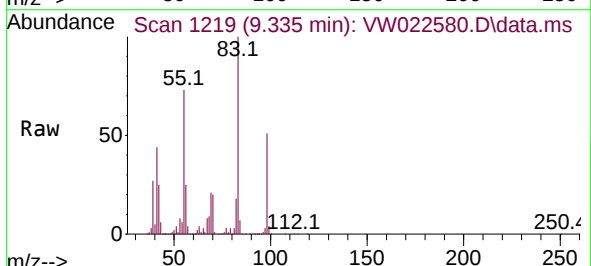
Tgt Ion: 83 Resp: 240518

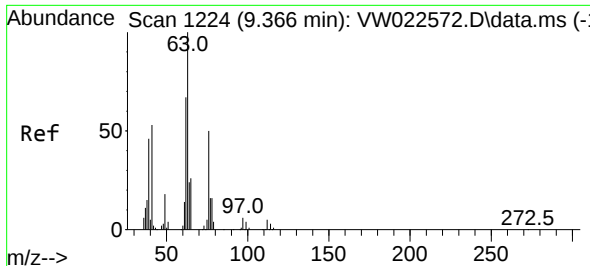
Ion Ratio Lower Upper

83 100

55 72.4 61.0 91.6

98 50.9 39.2 58.8





#37

1,2-Dichloropropane

Concen: 23.167 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

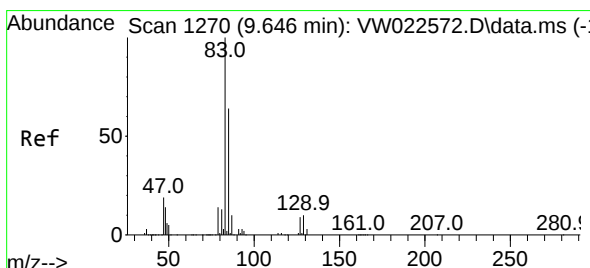
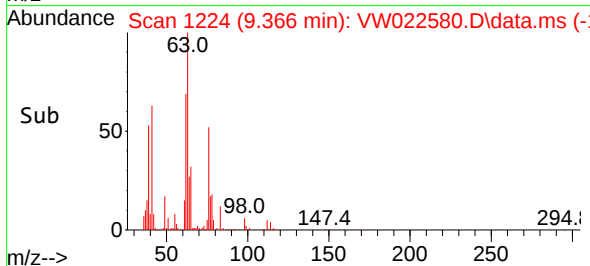
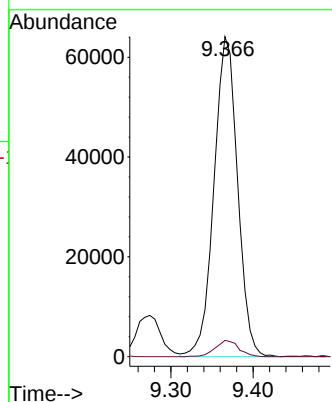
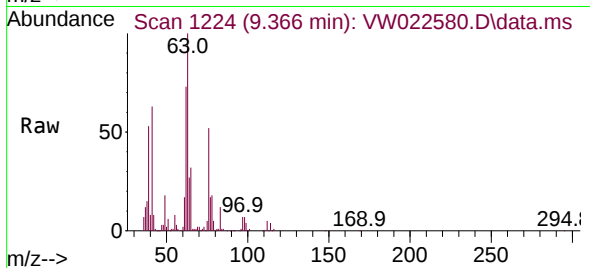
VSTD025492

Tgt Ion: 63 Resp: 127995

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 23.625 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

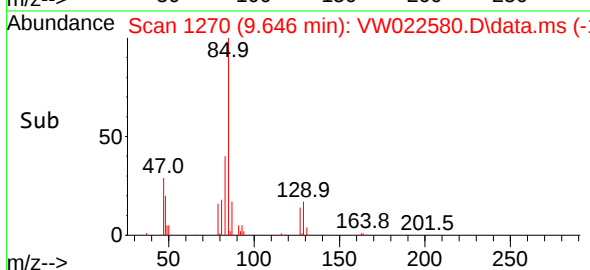
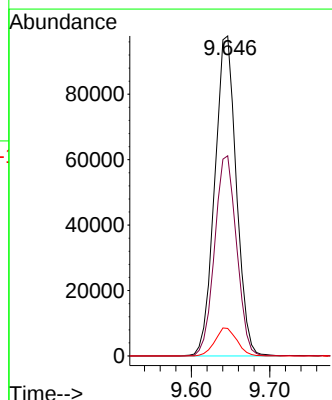
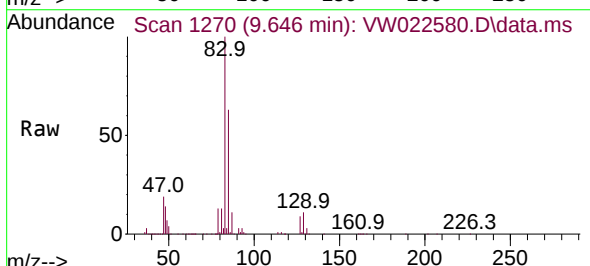
Tgt Ion: 83 Resp: 187700

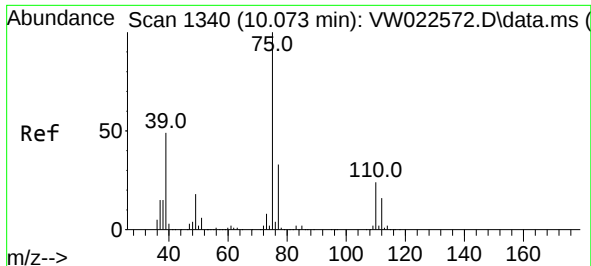
Ion Ratio Lower Upper

83 100

85 62.5 45.2 84.0

127 8.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 23.991 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

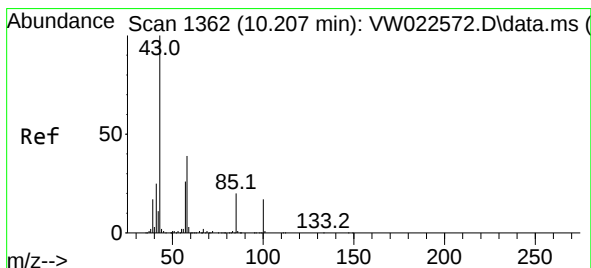
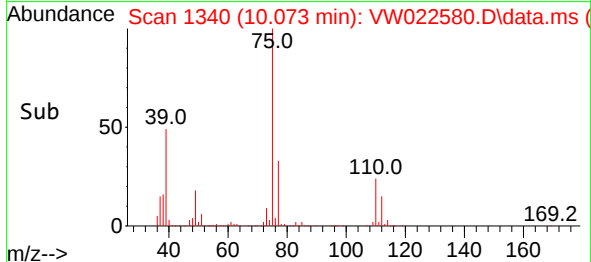
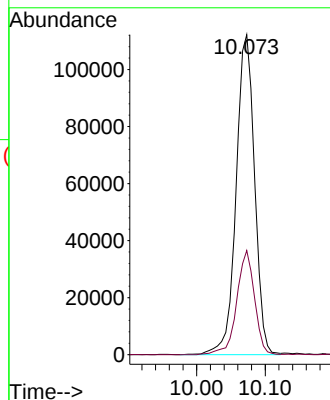
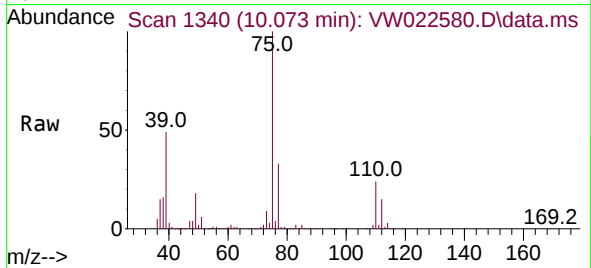
VSTD025492

Tgt Ion: 75 Resp: 210329

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 43.955 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

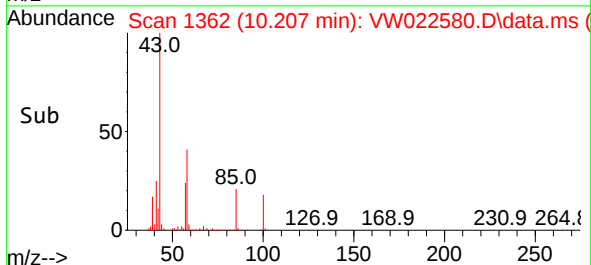
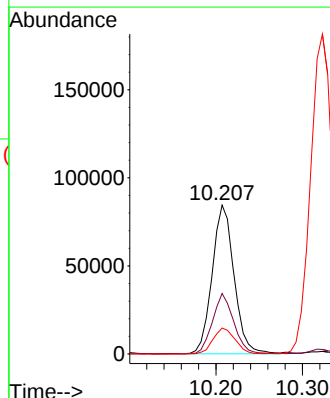
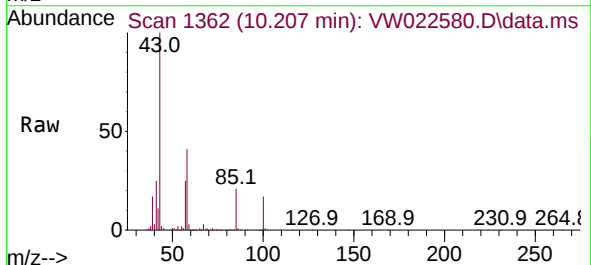
Tgt Ion: 43 Resp: 148201

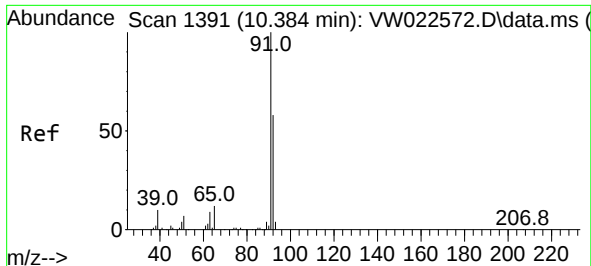
Ion Ratio Lower Upper

43 100

58 39.7 29.3 43.9

100 17.7 12.2 18.4

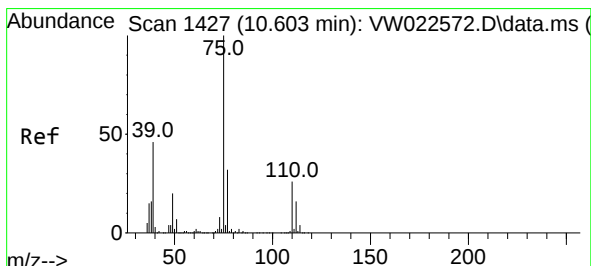
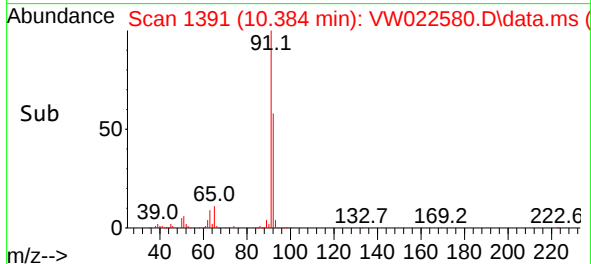
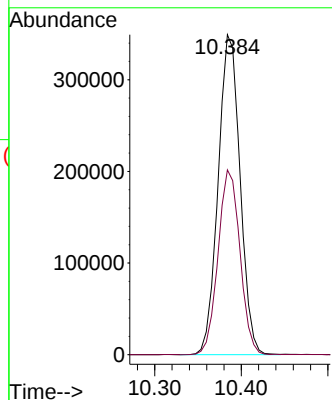
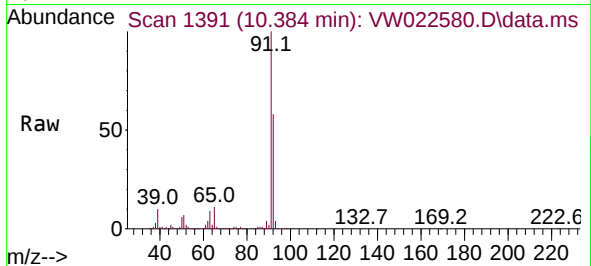




#42
Toluene
Concen: 23.239 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

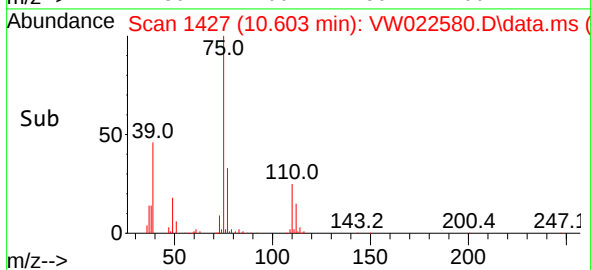
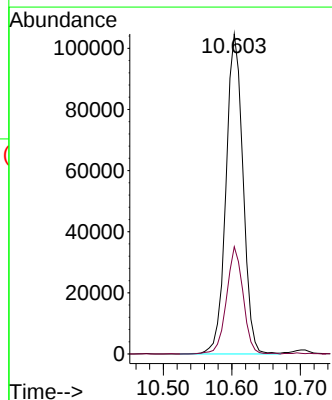
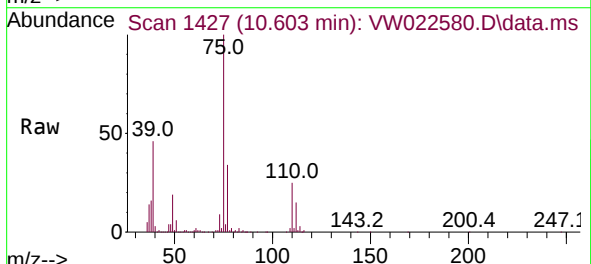
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

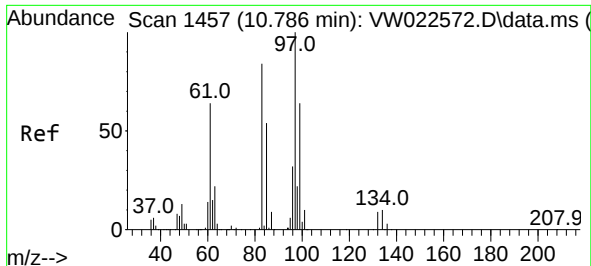
Tgt Ion: 91 Resp: 614116
Ion Ratio Lower Upper
91 100
92 57.8 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 22.905 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 75 Resp: 179803
Ion Ratio Lower Upper
75 100
77 33.5 21.3 39.6

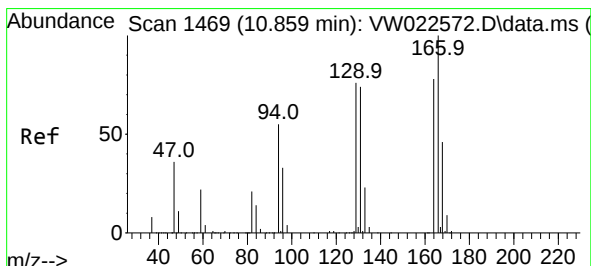
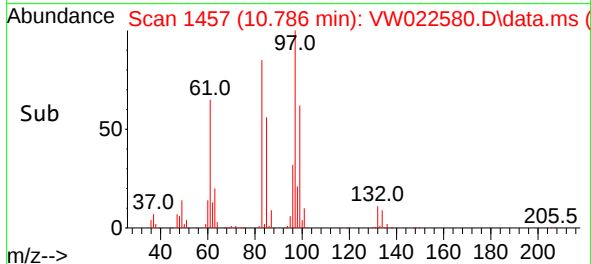
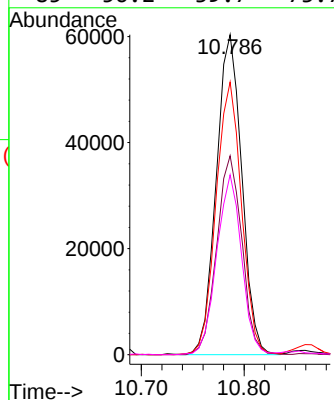
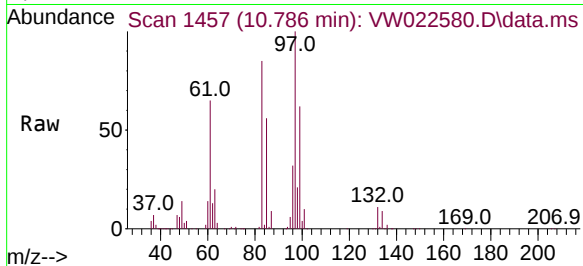




#45
1,1,2-Trichloroethane
Concen: 24.709 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

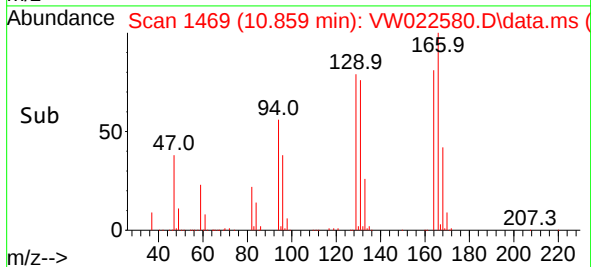
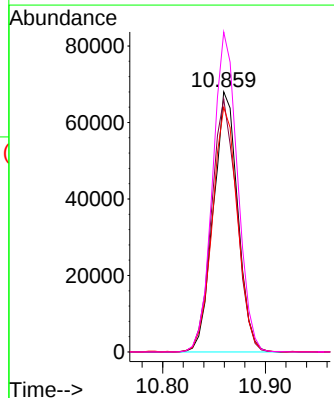
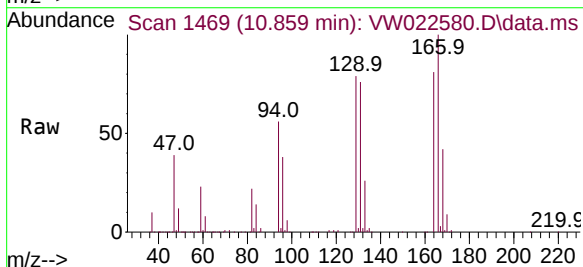
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

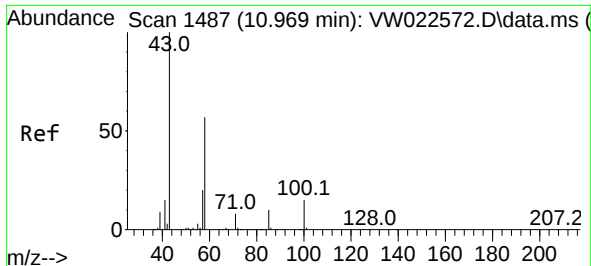
Tgt Ion:	97	Resp:	104188
Ion	Ratio	Lower	Upper
97	100		
99	62.1	46.0	85.4
83	85.2	60.6	112.6
85	56.2	39.7	73.7



#46
Tetrachloroethene
Concen: 24.719 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion:	164	Resp:	112198
Ion	Ratio	Lower	Upper
164	100		
129	97.3	74.1	137.7
131	94.0	71.4	132.6
166	123.0	95.9	178.1

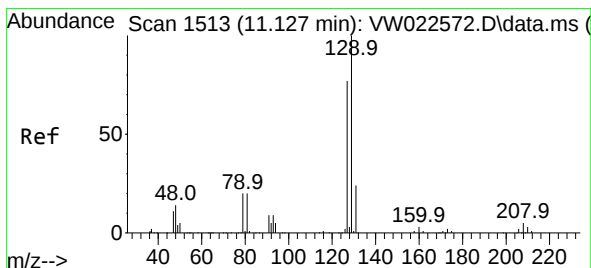
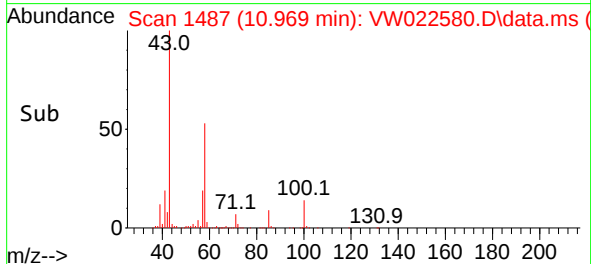
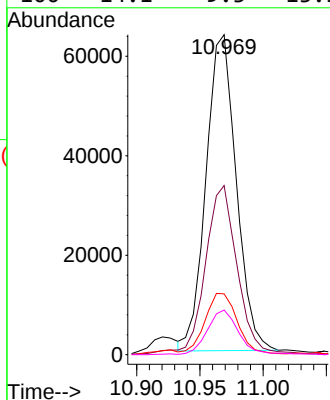
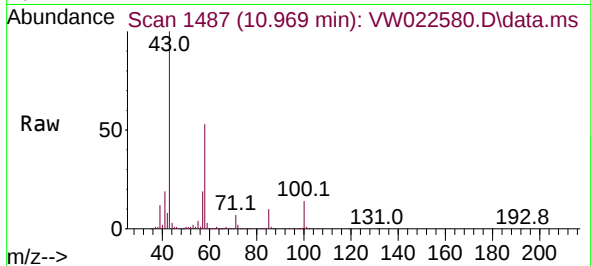




#48
2-Hexanone
Concen: 44.452 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

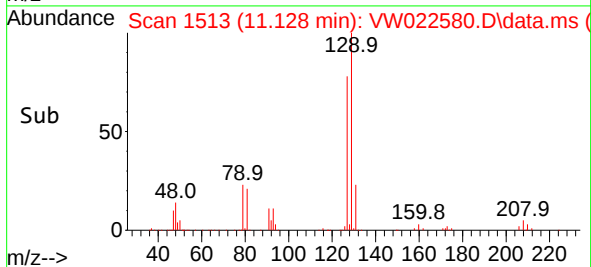
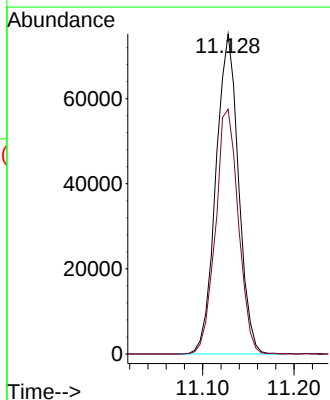
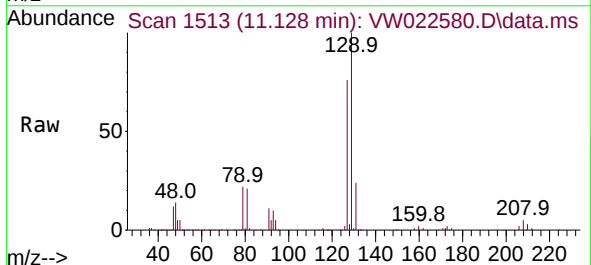
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

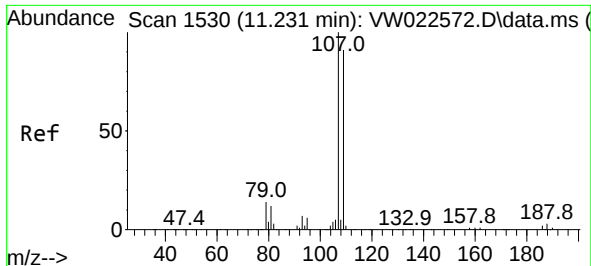
Tgt Ion: 43 Resp: 105736
Ion Ratio Lower Upper
43 100
58 55.5 41.6 62.4
57 20.9 14.5 21.7
100 14.1 9.3 13.9#



#49
Dibromochloromethane
Concen: 25.722 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 129 Resp: 129347
Ion Ratio Lower Upper
129 100
127 76.4 52.6 97.6





#50

1,2-Dibromoethane

Concen: 24.543 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

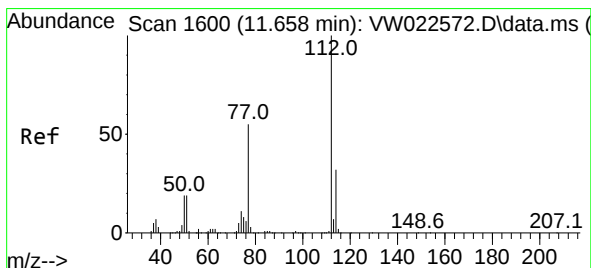
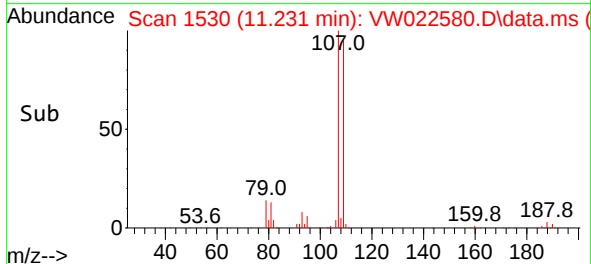
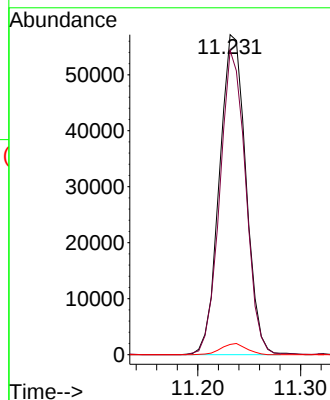
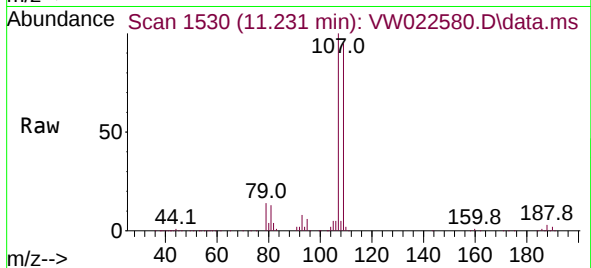
Tgt Ion:107 Resp: 102186

Ion Ratio Lower Upper

107 100

109 95.1 68.2 126.6

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 24.315 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

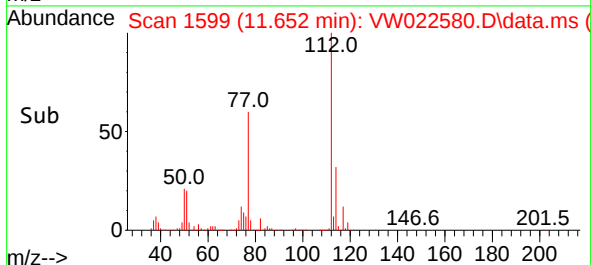
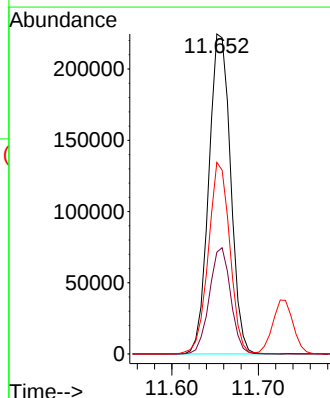
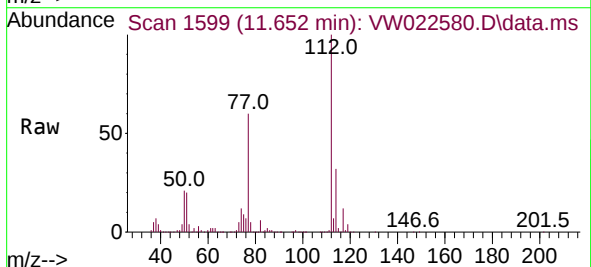
Tgt Ion:112 Resp: 392664

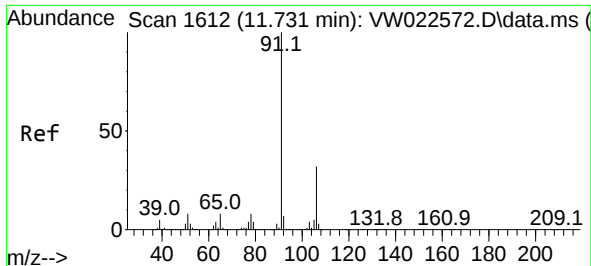
Ion Ratio Lower Upper

112 100

114 31.8 20.5 38.1

77 59.9 48.1 72.1

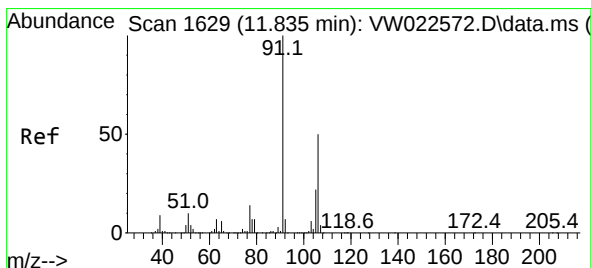
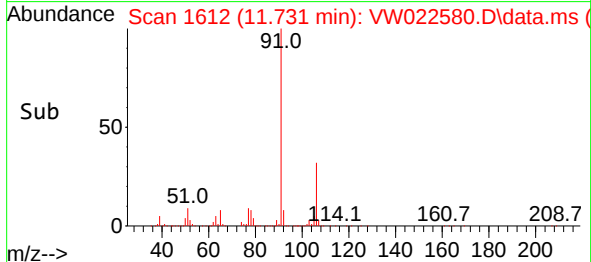
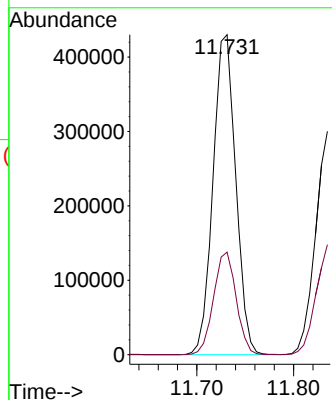
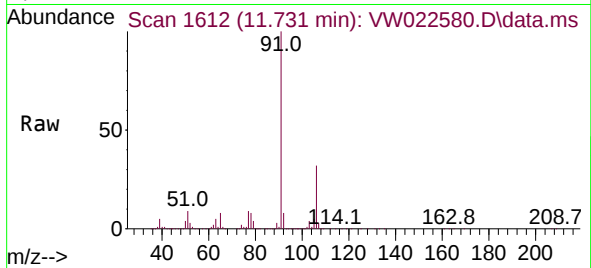




#52
Ethylbenzene
Concen: 23.676 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

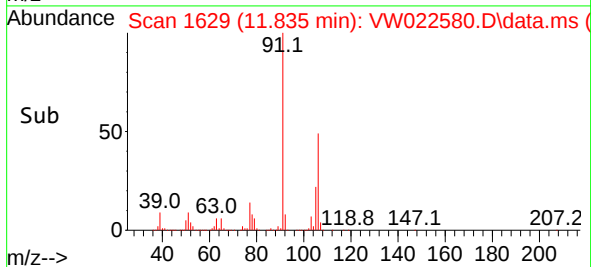
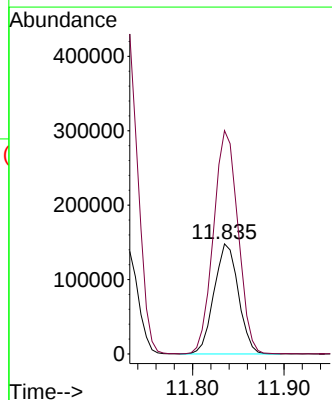
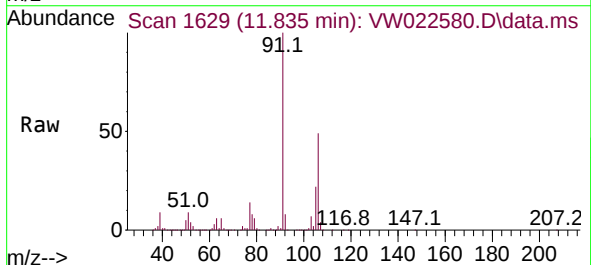
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

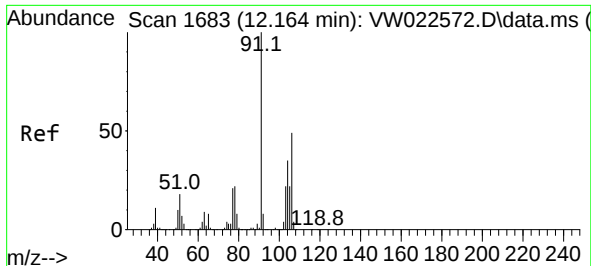
Tgt Ion: 91 Resp: 701292
Ion Ratio Lower Upper
91 100
106 32.1 20.5 38.1



#53
m,p-Xylene
Concen: 24.274 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 106 Resp: 273393
Ion Ratio Lower Upper
106 100
91 202.7 149.9 278.5

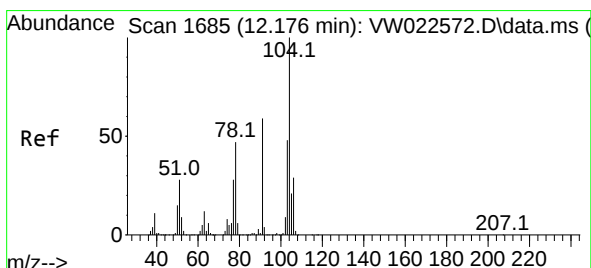
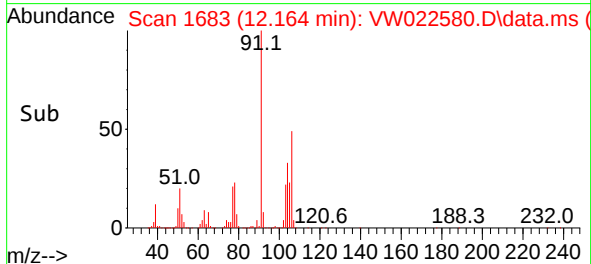
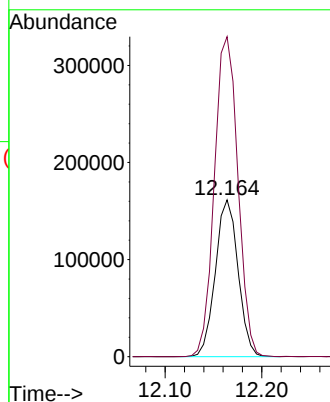
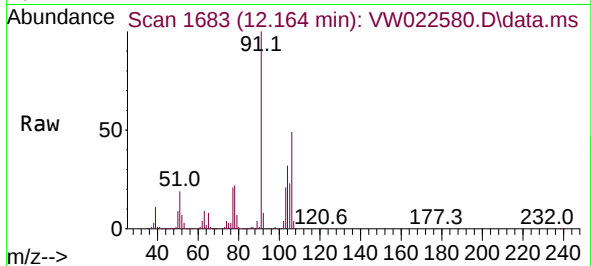




#54
o-Xylene
Concen: 24.442 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

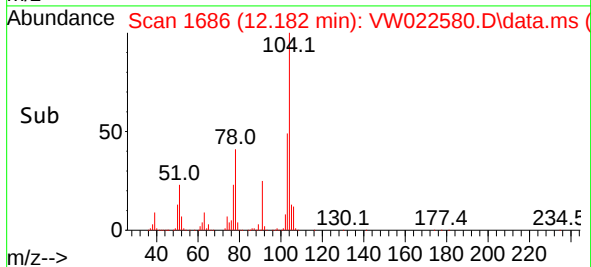
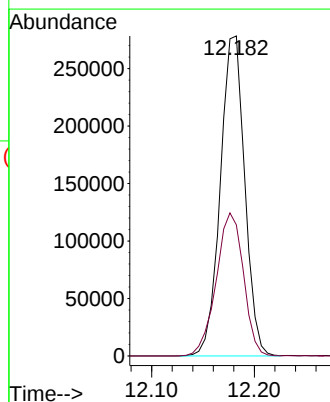
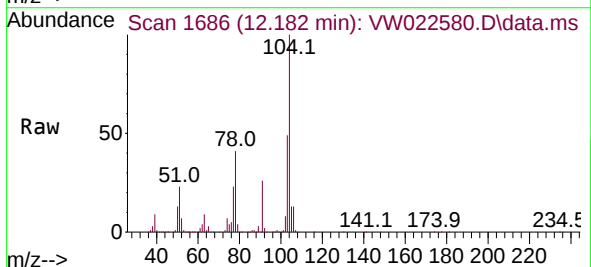
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

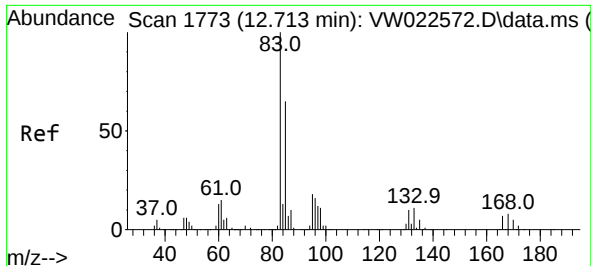
Tgt Ion:106 Resp: 263062
Ion Ratio Lower Upper
106 100
91 204.0 155.3 288.3



#55
Styrene
Concen: 24.976 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion:104 Resp: 459264
Ion Ratio Lower Upper
104 100
78 41.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.840 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

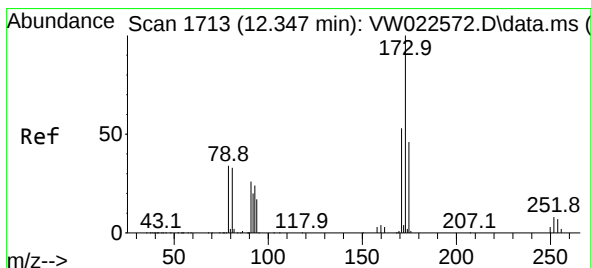
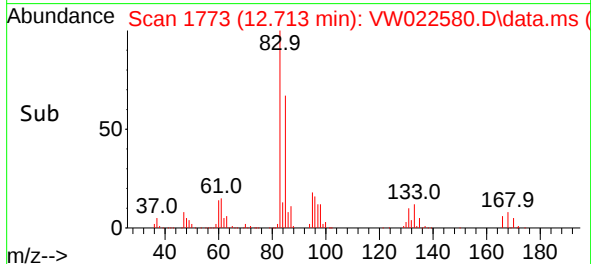
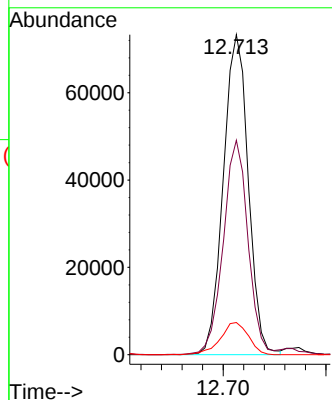
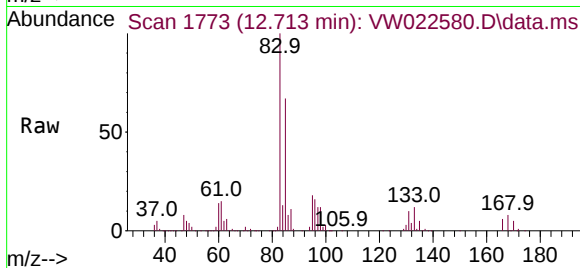
Tgt Ion: 83 Resp: 123380

Ion Ratio Lower Upper

83 100

85 67.0 45.5 84.5

131 10.1 7.8 11.8



#59

Bromoform

Concen: 23.387 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

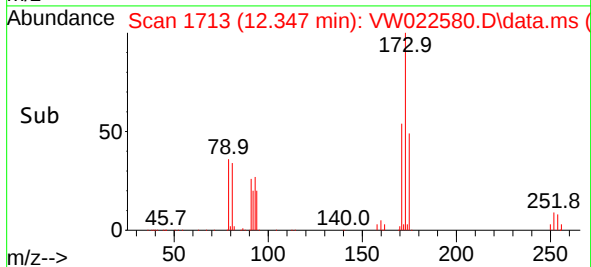
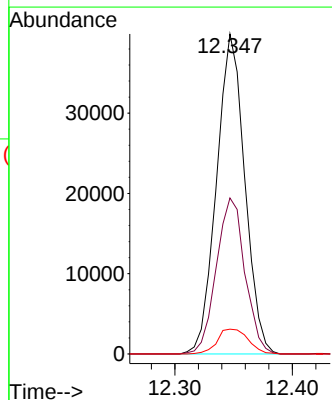
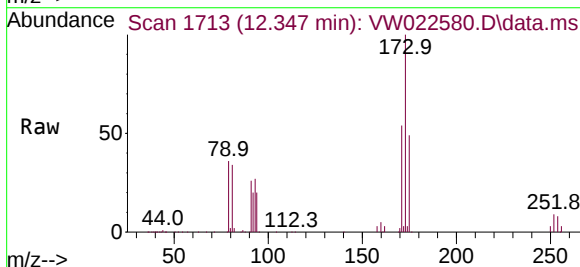
Tgt Ion:173 Resp: 66523

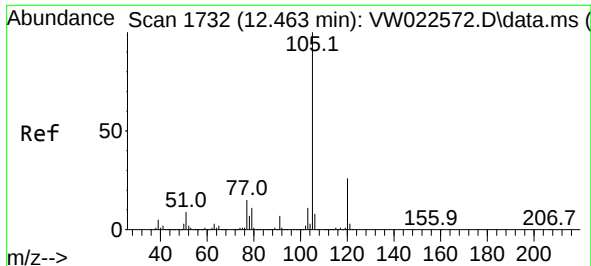
Ion Ratio Lower Upper

173 100

175 49.4 39.2 58.8

254 8.6 6.6 9.8

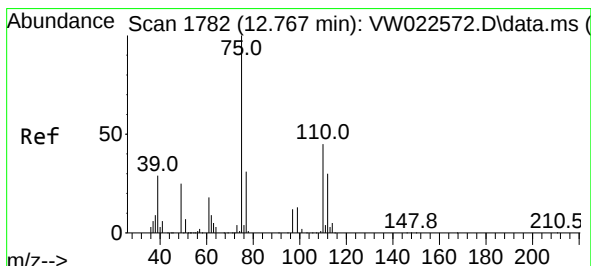
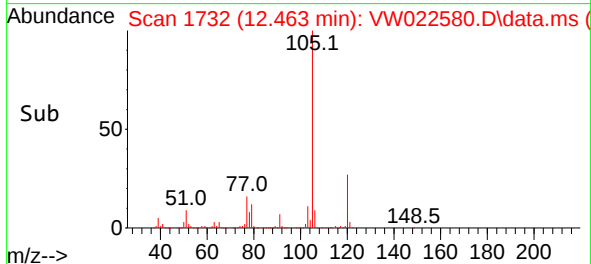
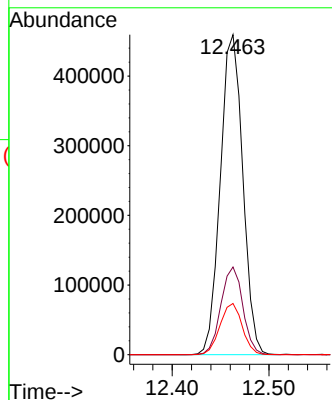
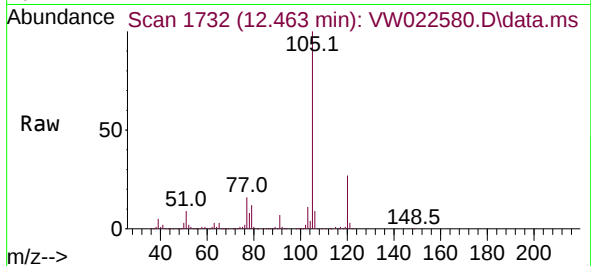




#60
Isopropylbenzene
Concen: 23.264 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

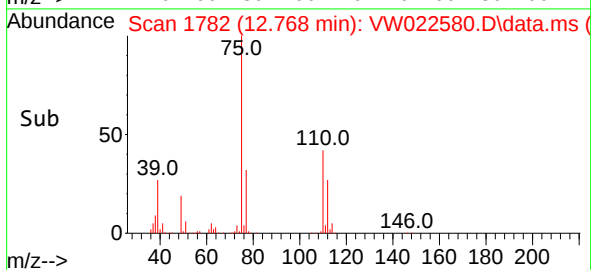
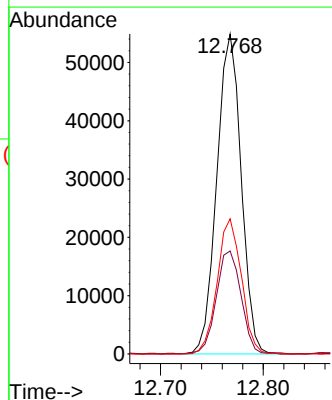
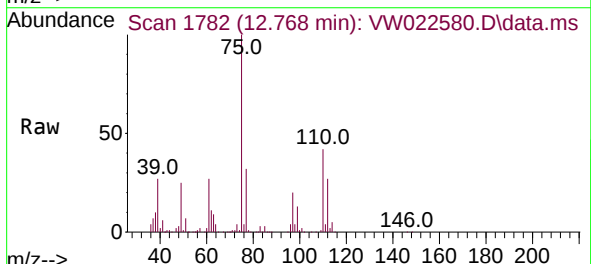
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

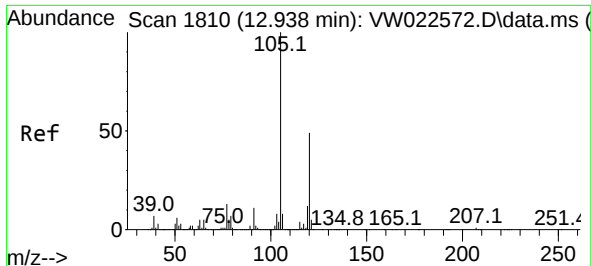
Tgt Ion:105 Resp: 739758
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 15.9 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 22.192 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion: 75 Resp: 90368
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 41.8 31.8 47.6

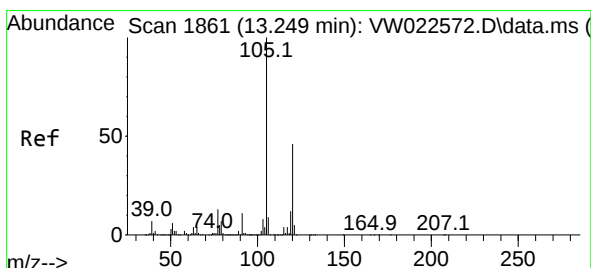
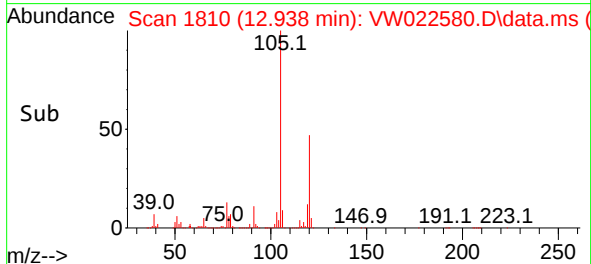
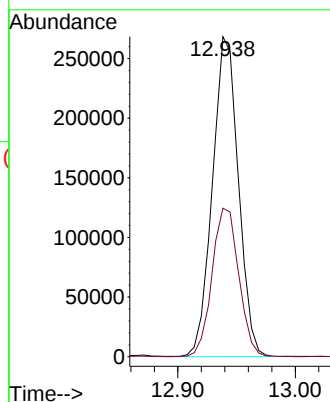
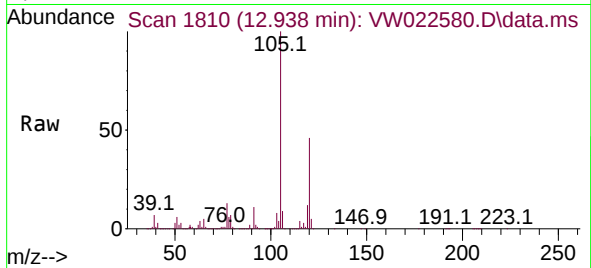




#62
 1,3,5-Trimethylbenzene
 Concen: 23.492 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

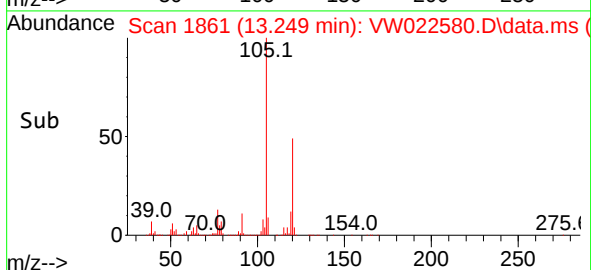
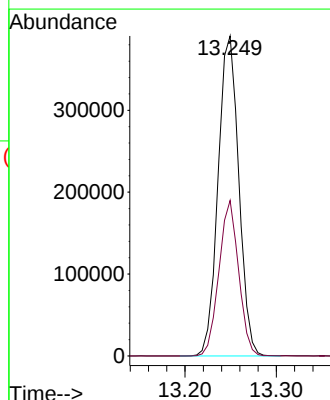
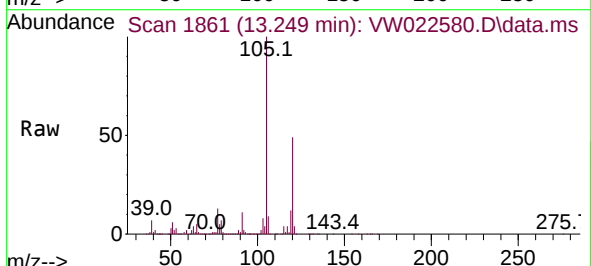
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

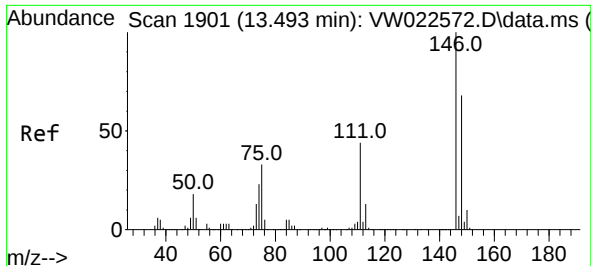
Tgt Ion:105 Resp: 410821
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 23.117 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022580.D
 Acq: 19 Apr 2022 16:05

Tgt Ion:105 Resp: 614742
 Ion Ratio Lower Upper
 105 100
 120 46.2 34.2 51.2

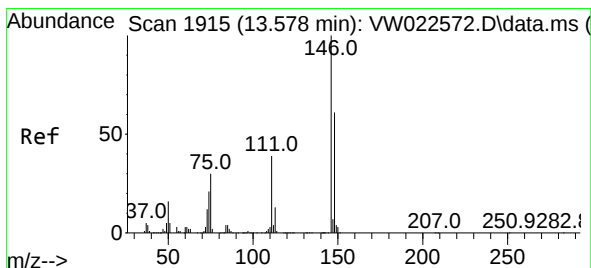
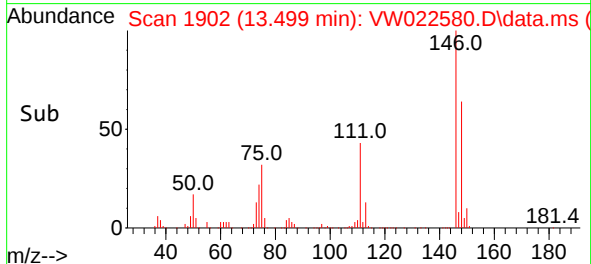
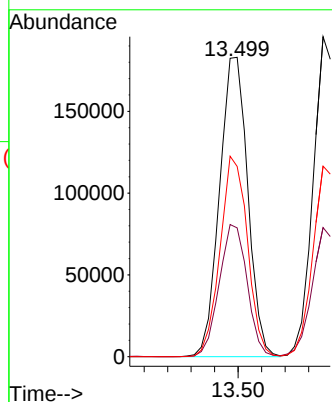
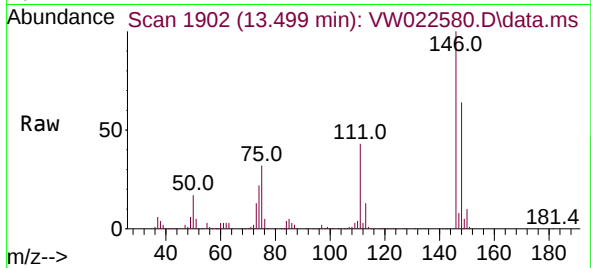




#64
1,3-Dichlorobenzene
Concen: 23.688 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

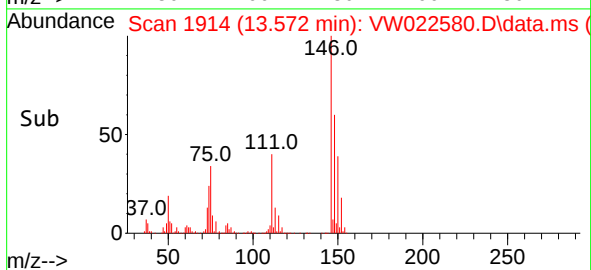
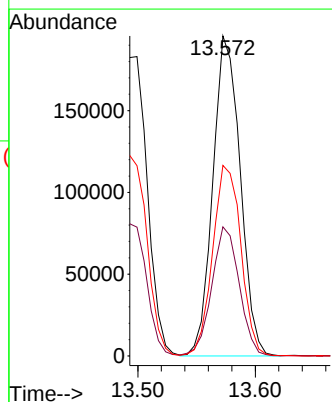
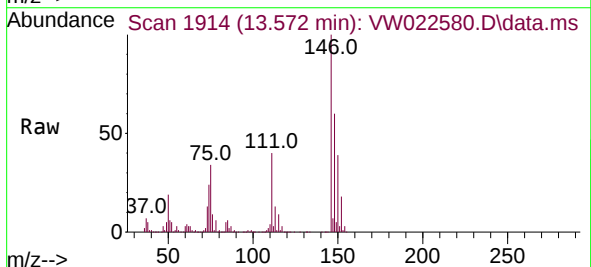
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

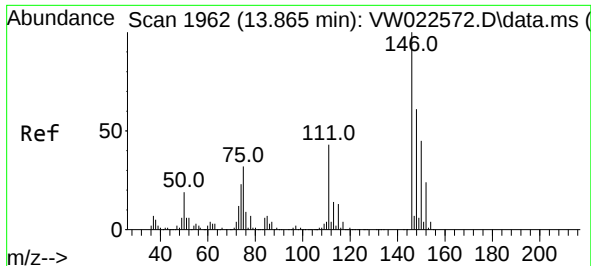
Tgt Ion:146 Resp: 305707
Ion Ratio Lower Upper
146 100
111 43.0 28.2 52.4
148 63.5 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 24.563 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion:146 Resp: 316147
Ion Ratio Lower Upper
146 100
111 40.4 28.5 52.9
148 59.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.400 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

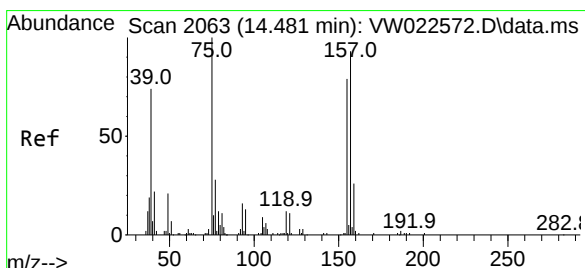
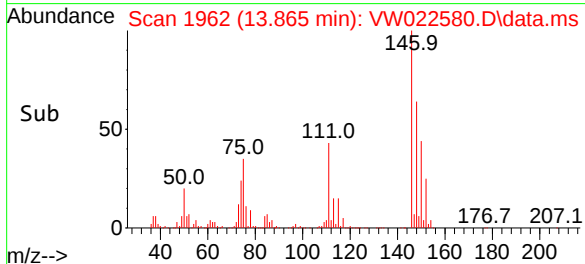
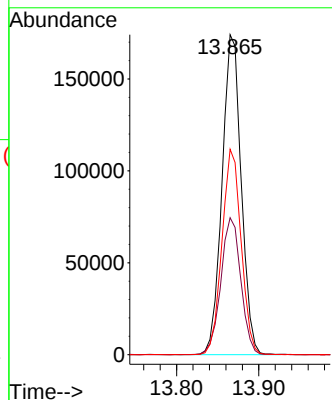
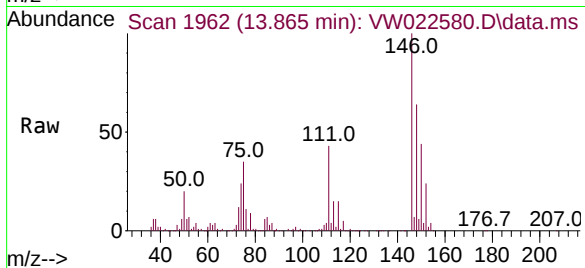
Tgt Ion:146 Resp: 281610

Ion Ratio Lower Upper

146 100

111 42.8 39.0 58.4

148 64.2 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 20.970 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

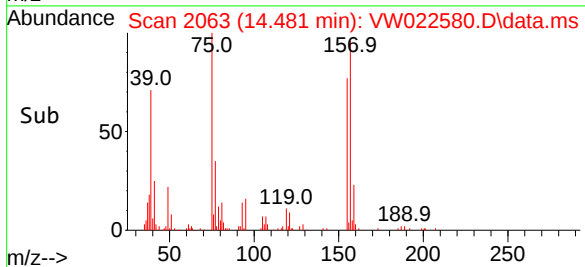
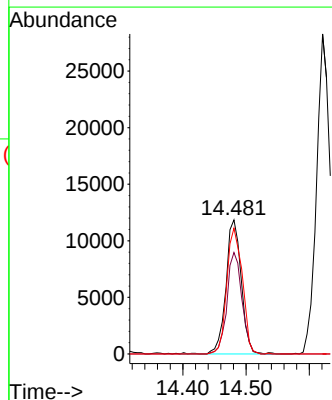
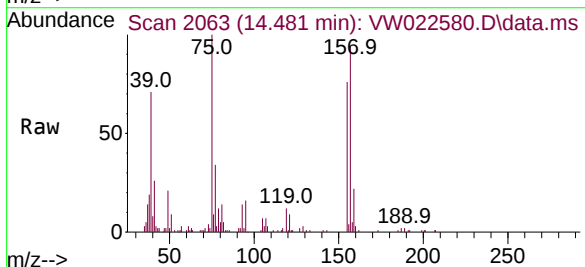
Tgt Ion: 75 Resp: 19804

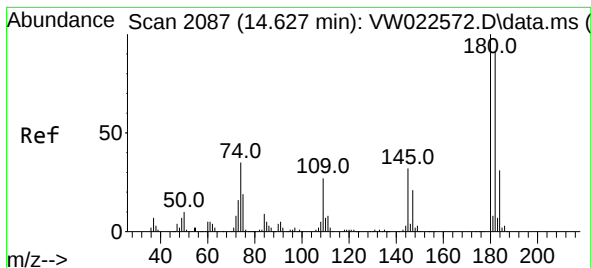
Ion Ratio Lower Upper

75 100

155 75.7 55.6 83.4

157 93.8 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 24.609 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

Tgt Ion:180 Resp: 207209

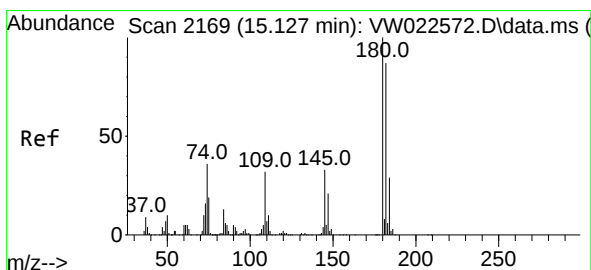
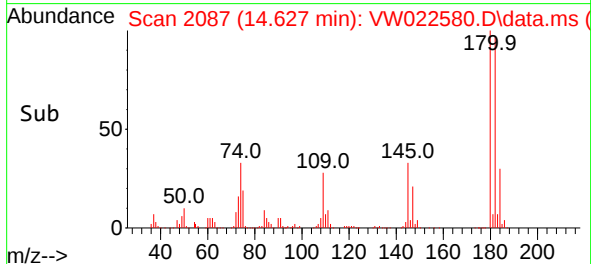
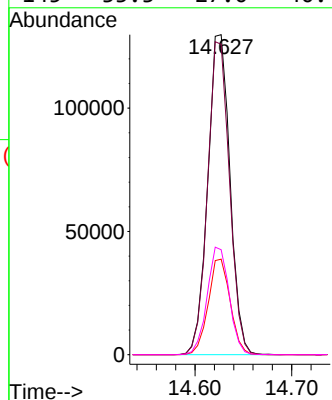
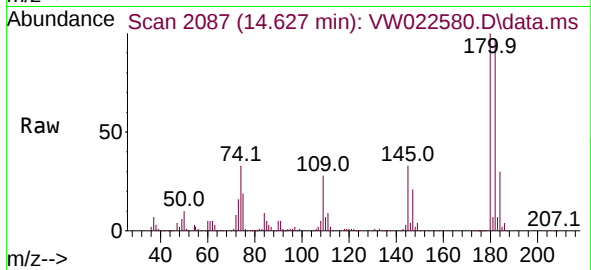
Ion Ratio Lower Upper

180 100

182 96.5 79.1 118.7

184 29.6 24.5 36.7

145 33.3 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 23.408 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022580.D

Acq: 19 Apr 2022 16:05

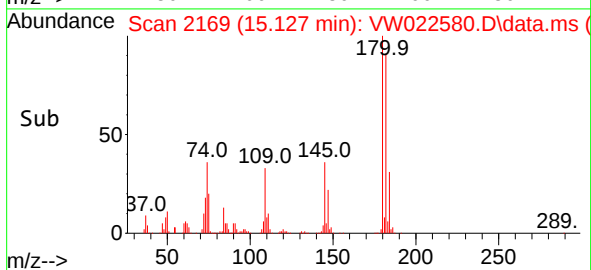
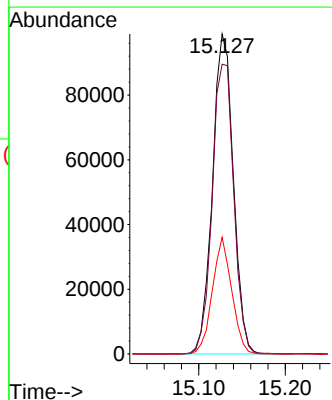
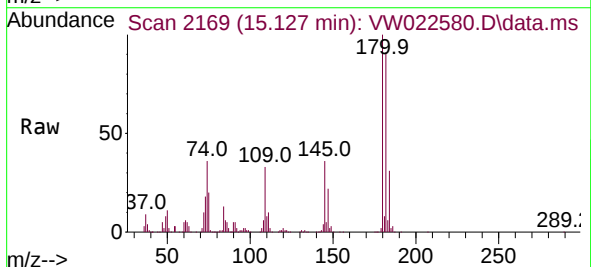
Tgt Ion:180 Resp: 165532

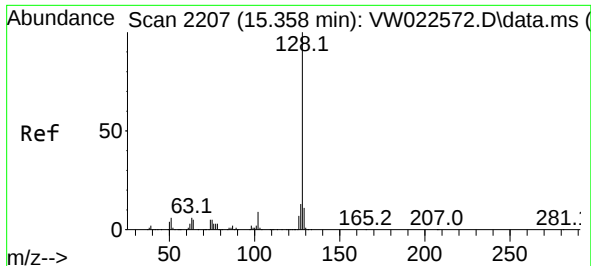
Ion Ratio Lower Upper

180 100

182 93.7 72.8 109.2

145 33.8 25.5 38.3

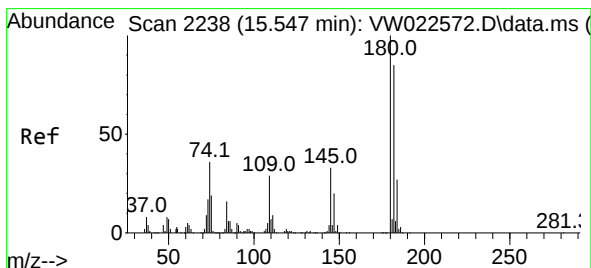
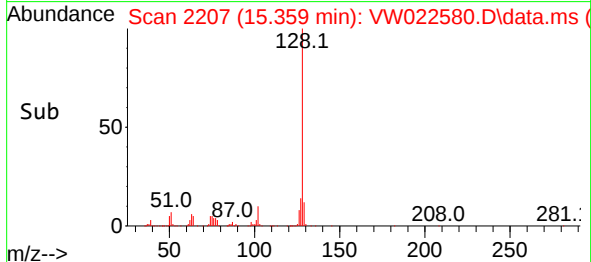
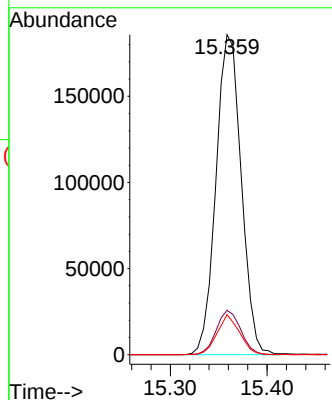
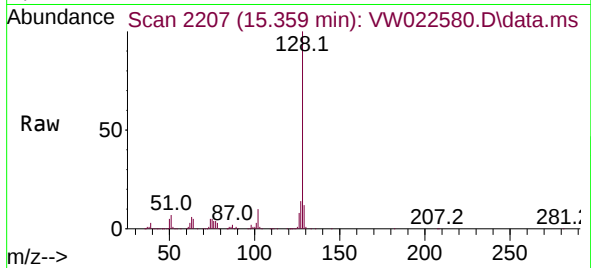




#71
Naphthalene
Concen: 22.560 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Tgt Ion:128 Resp: 336490
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 22.649 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW022580.D
Acq: 19 Apr 2022 16:05

Tgt Ion:180 Resp: 136901
Ion Ratio Lower Upper
180 100
182 95.3 73.4 110.0
145 37.5 27.0 40.6

