

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024158.D
 Acq On : 04 Aug 2022 10:35
 Operator : SY/VA
 Sample : VSTD05010
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050410

Quant Time: Aug 05 00:27:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	304635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	300829	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169791	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	329492	51.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 206.960%#	
7) Chloroethane-d5	2.873	69	210101	52.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 211.880%#	
11) 1,1-Dichloroethene-d2	4.013	63	370111	51.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 204.000%#	
21) 2-Butanone-d5	7.074	46	117001	90.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 181.240%#	
24) Chloroform-d	7.647	84	438328	47.554	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 190.200%#	
26) 1,2-Dichloroethane-d4	8.305	65	237177	46.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 185.400%#	
32) Benzene-d6	8.268	84	860679	48.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 194.040%#	
36) 1,2-Dichloropropane-d6	9.274	67	244889	46.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 187.000%#	
41) Toluene-d8	10.323	98	843391	50.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 203.440%#	
43) trans-1,3-Dichloroprop...	10.573	79	114731	50.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 200.000%#	
47) 2-Hexanone-d5	10.920	63	102463	105.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 211.860%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	235466	46.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 185.320%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	310565	49.984	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 199.920%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	149518	55.788	ug/L	98
3) Chloromethane	2.209	50	251364	50.008	ug/L	99
5) Vinyl chloride	2.349	62	344407	49.221	ug/L	98
6) Bromomethane	2.763	94	180854	45.079	ug/L	93
8) Chloroethane	2.910	64	160540	52.379	ug/L	98
9) Trichlorofluoromethane	3.245	101	165362	49.854	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	216003	48.264	ug/L	98
12) 1,1-Dichloroethene	4.025	96	185937	50.770	ug/L	91
13) Acetone	4.117	43	70913	80.419	ug/L	63
14) Carbon disulfide	4.373	76	586772	50.068	ug/L	98
15) Methyl Acetate	4.665	43	88822	46.894	ug/L	97
16) Methylene chloride	4.909	84	205748	38.299	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	212384	50.070	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	311472	51.646	ug/L	99
19) 1,1-Dichloroethane	6.208	63	356965	47.914	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	232463	49.975	ug/L #	94
22) 2-Butanone	7.171	43	130473	86.657	ug/L	99
23) Bromochloromethane	7.506	128	109286	47.245	ug/L	95
25) Chloroform	7.671	83	394157	48.012	ug/L	95

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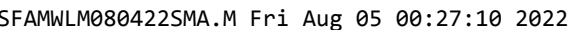
Instrument :
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 ClientSampleId :
 VSTD050410

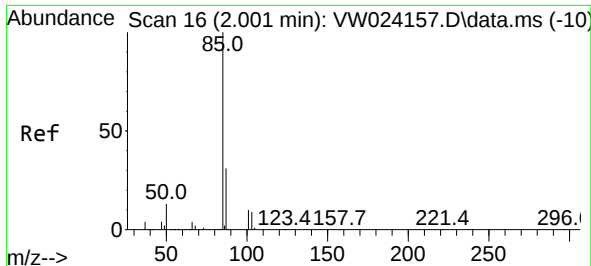
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	258464	46.788	ug/L	98
29) Cyclohexane	7.951	56	328270	53.226	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	330878	48.772	ug/L	100
31) Carbon tetrachloride	8.067	117	319973	49.994	ug/L	96
33) Benzene	8.323	78	855251	48.135	ug/L	100
34) Trichloroethene	9.091	95	225904	48.103	ug/L	97
35) Methylcyclohexane	9.329	83	391796	53.201	ug/L	97
37) 1,2-Dichloropropane	9.366	63	208036	47.366	ug/L	99
38) Bromodichloromethane	9.646	83	293879	47.706	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	337989	52.307	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	288486	98.969	ug/L	98
42) Toluene	10.384	91	973103	51.539	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	302462	51.228	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	174066	47.021	ug/L	96
46) Tetrachloroethene	10.859	164	188941	49.696	ug/L	96
48) 2-Hexanone	10.969	43	203736	102.990	ug/L	97
49) Dibromochloromethane	11.128	129	217816	48.875	ug/L	93
50) 1,2-Dibromoethane	11.231	107	171590	48.379	ug/L #	97
51) Chlorobenzene	11.652	112	628270	48.703	ug/L	97
52) Ethylbenzene	11.731	91	1079748	52.197	ug/L	99
53) m,p-Xylene	11.835	106	424681	52.741	ug/L	97
54) o-Xylene	12.164	106	408101	53.647	ug/L	96
55) Styrene	12.176	104	711415	53.771	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	216458	46.787	ug/L	100
59) Bromoform	12.353	173	128013	49.428	ug/L	98
60) Isopropylbenzene	12.463	105	1093809	53.215	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	156658	46.362	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	957061	56.345	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	935376	55.916	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	497413	49.420	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	517933	48.596	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	467787	48.943	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	35455	44.910	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	324930	49.232	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	282813	53.508	ug/L	99
71) Naphthalene	15.365	128	572992	55.657	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	254985	52.989	ug/L	97

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

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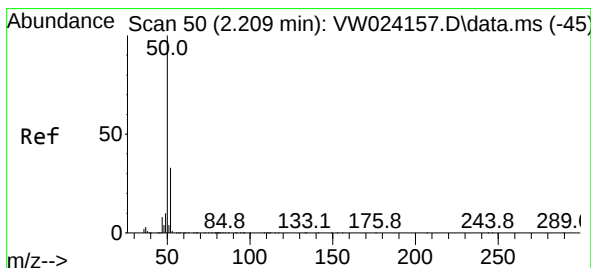
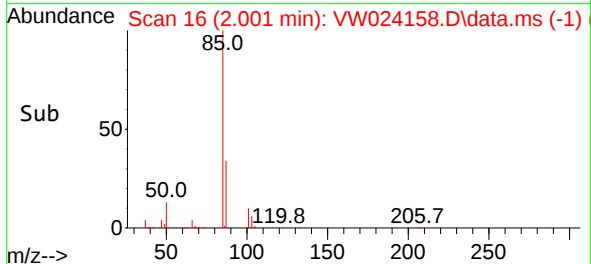
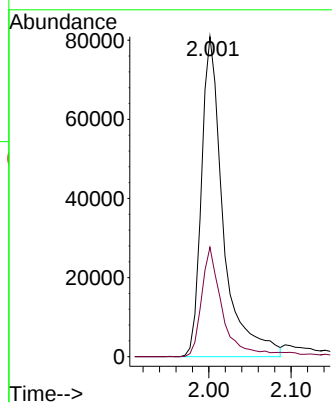
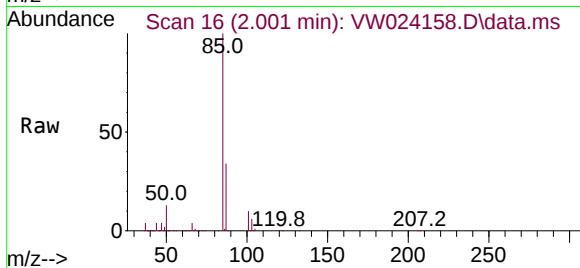




#2
 Dichlorodifluoromethane
 Concen: 55.788 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024158.D
 Acq: 04 Aug 2022 10:35

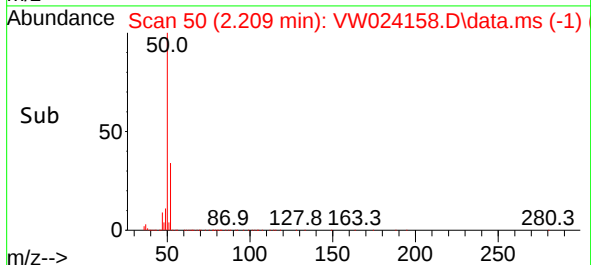
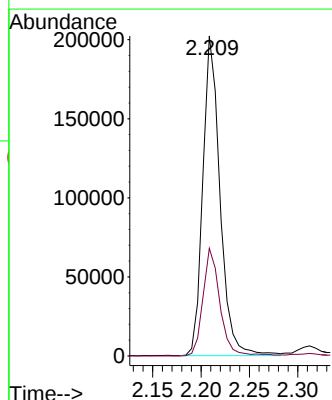
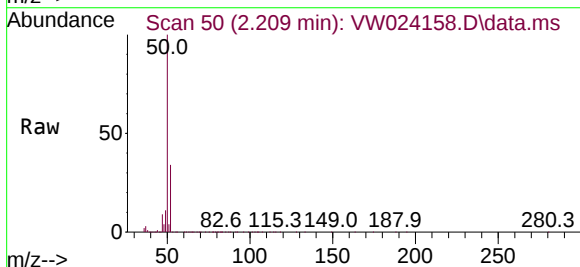
Instrument :
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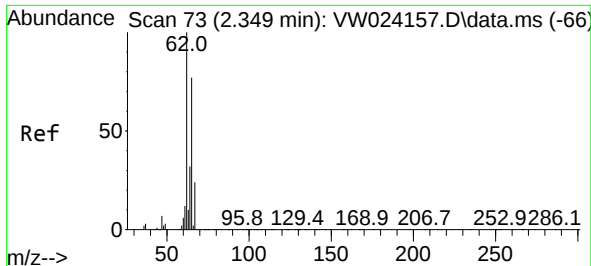
Tgt Ion: 85 Resp: 149518
 Ion Ratio Lower Upper
 85 100
 87 31.5 24.5 36.7



#3
 Chloromethane
 Concen: 50.008 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024158.D
 Acq: 04 Aug 2022 10:35

Tgt Ion: 50 Resp: 251364
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2

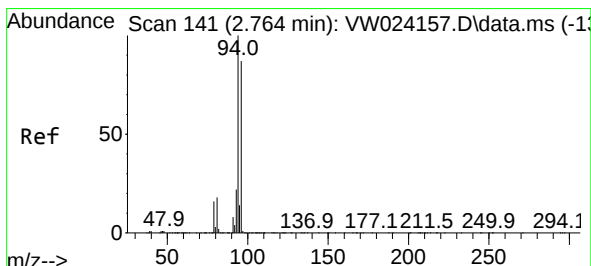
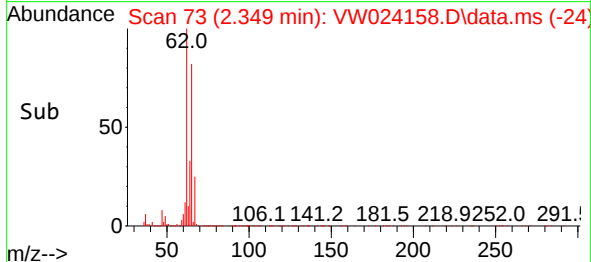
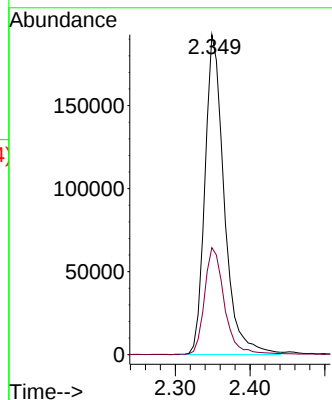
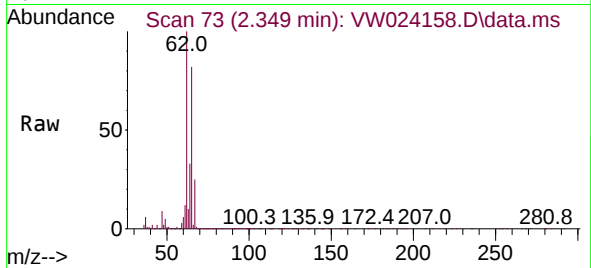




#5
 Vinyl chloride
 Concen: 49.221 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024158.D
 Acq: 04 Aug 2022 10:35

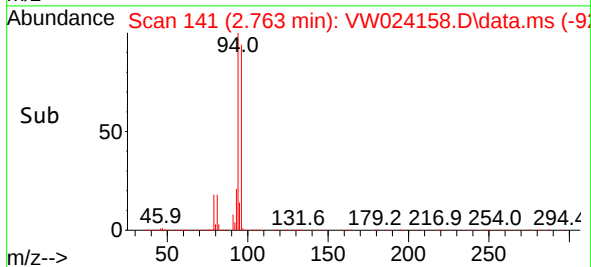
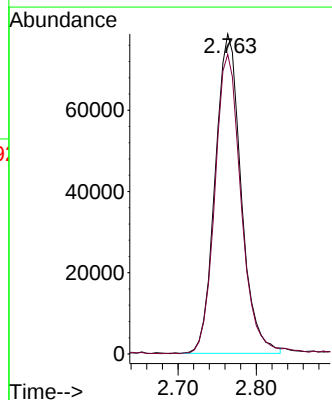
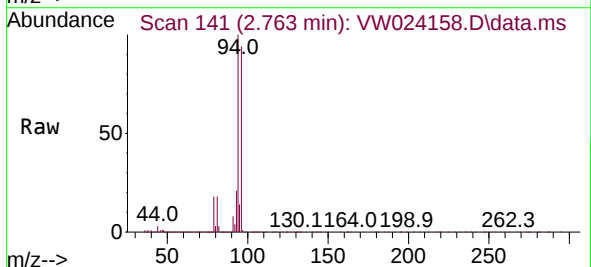
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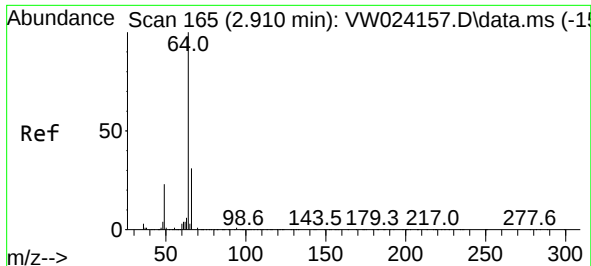
Tgt Ion: 62 Resp: 344407
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.3



#6
 Bromomethane
 Concen: 45.079 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024158.D
 Acq: 04 Aug 2022 10:35

Tgt Ion: 94 Resp: 180854
 Ion Ratio Lower Upper
 94 100
 96 93.7 61.0 113.4

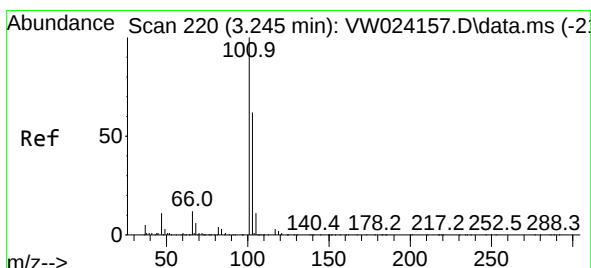
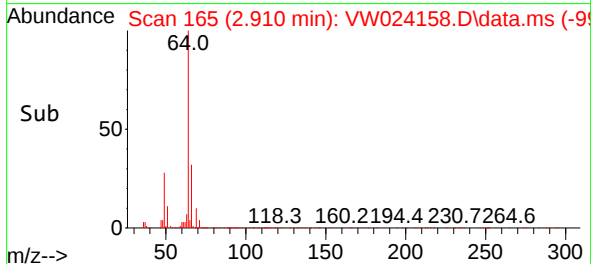
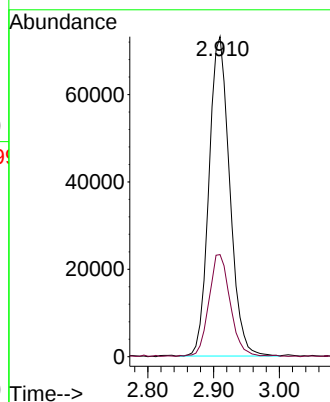
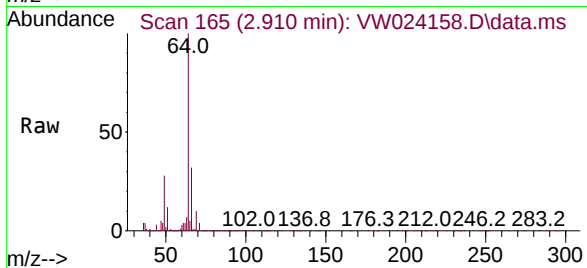




#8
Chloroethane
Concen: 52.379 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

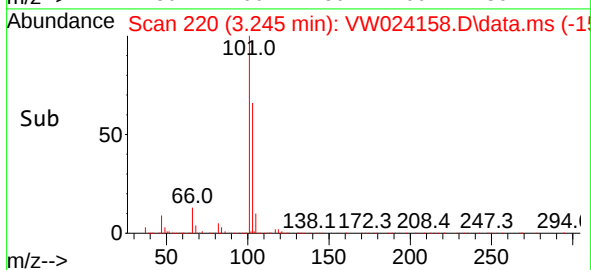
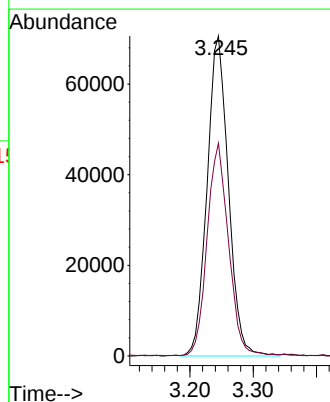
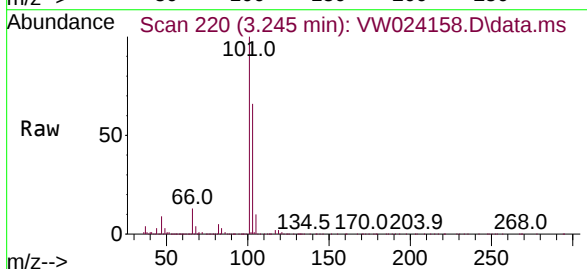
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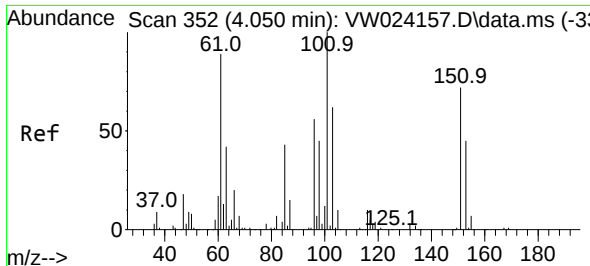
Tgt Ion: 64 Resp: 160540
Ion Ratio Lower Upper
64 100
66 31.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 49.854 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion: 101 Resp: 165362
Ion Ratio Lower Upper
101 100
103 66.7 50.5 75.7

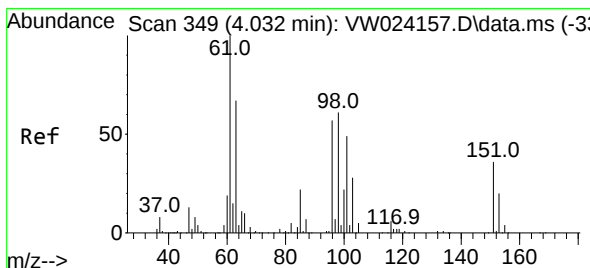
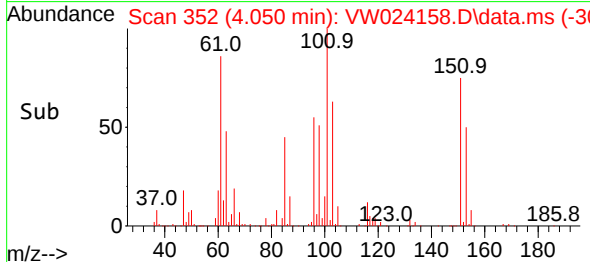
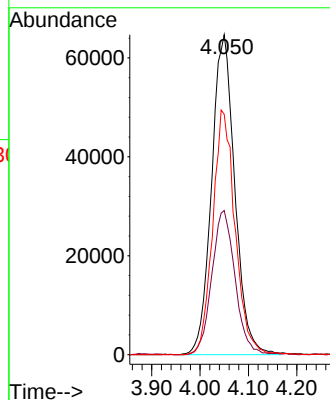
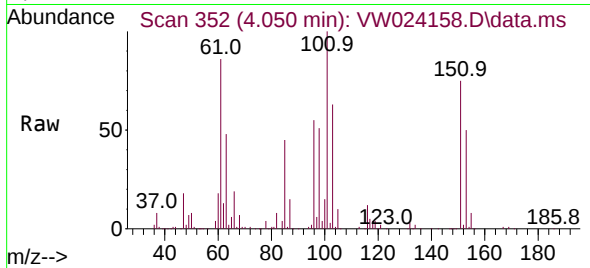




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.264 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024158.D
 Acq: 04 Aug 2022 10:35

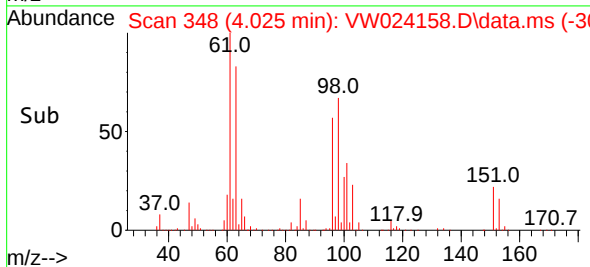
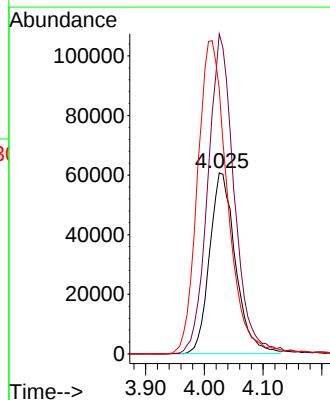
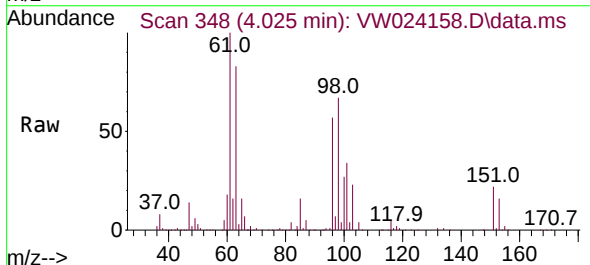
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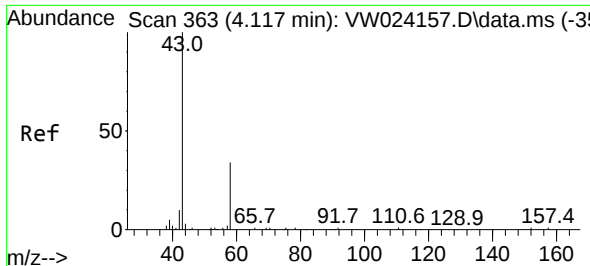
Tgt Ion:101 Resp: 216003
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.9 52.3
 151 73.3 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 50.770 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024158.D
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Tgt Ion: 96 Resp: 185937
 Ion Ratio Lower Upper
 96 100
 61 176.6 123.1 228.5
 63 146.3 84.9 157.7

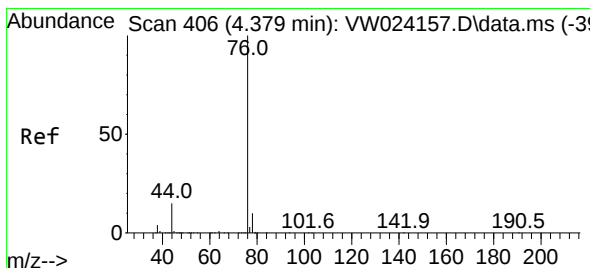
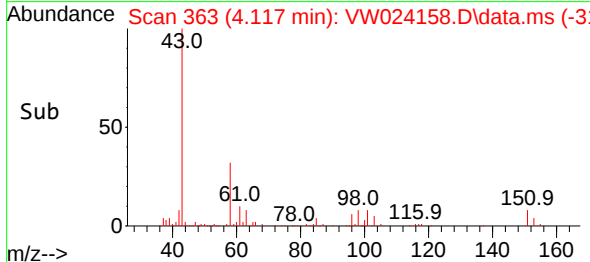
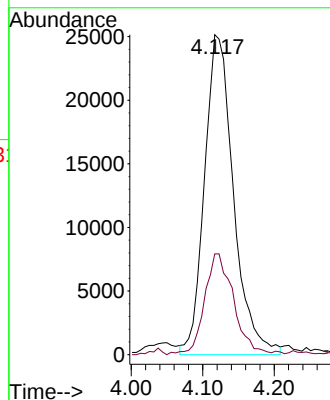
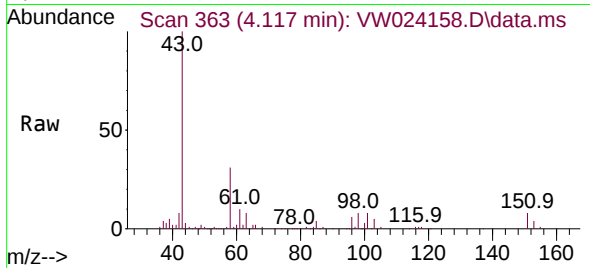




#13
Acetone
Concen: 80.419 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

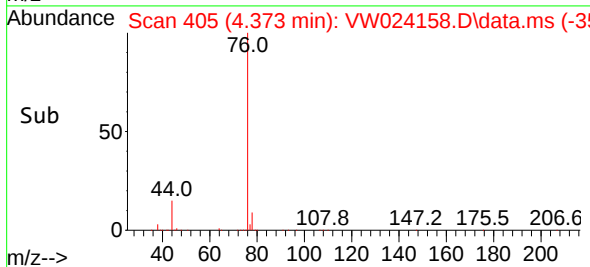
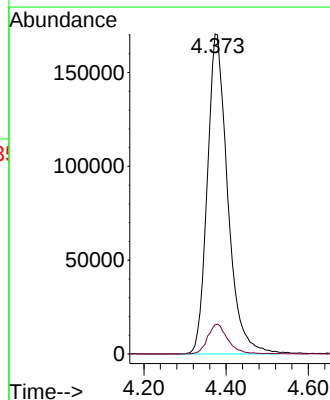
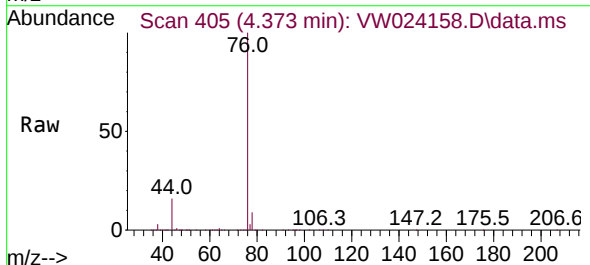
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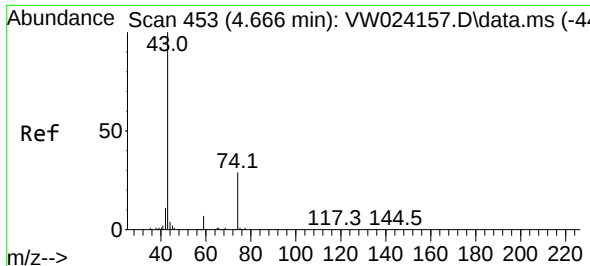
Tgt Ion: 43 Resp: 70913
Ion Ratio Lower Upper
43 100
58 31.4 0.0 31.8



#14
Carbon disulfide
Concen: 50.068 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024158.D
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Tgt Ion: 76 Resp: 586772
Ion Ratio Lower Upper
76 100
78 9.1 7.9 11.9

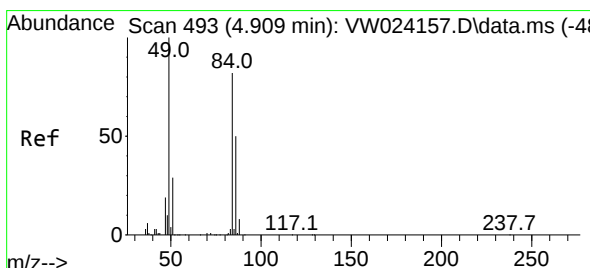
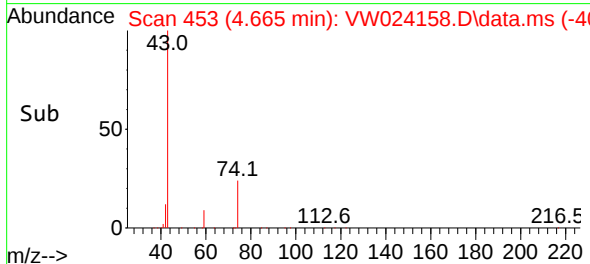
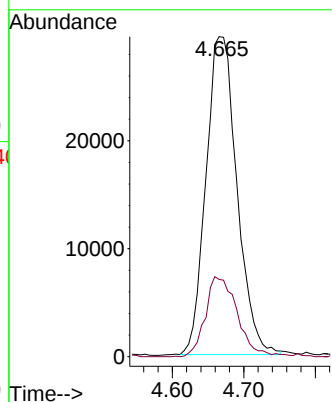
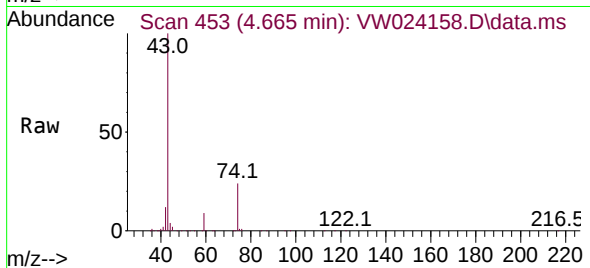




#15
Methyl Acetate
Concen: 46.894 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

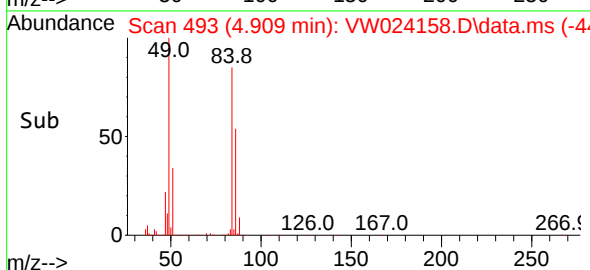
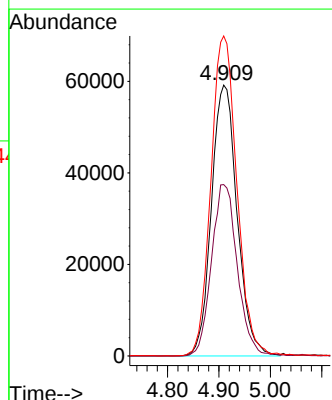
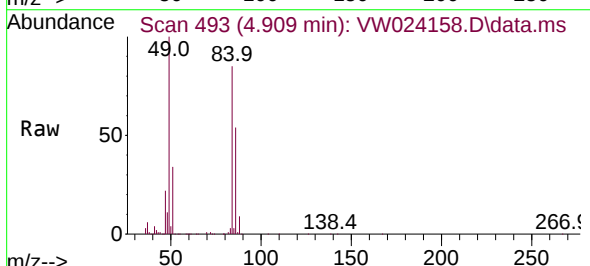
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

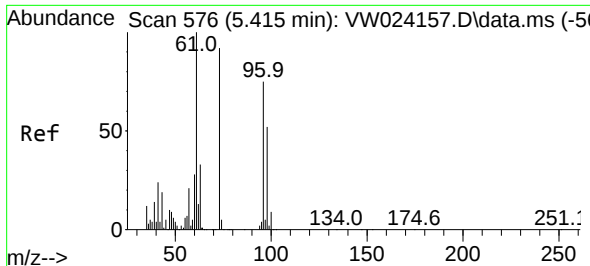
Tgt Ion: 43 Resp: 88822
Ion Ratio Lower Upper
43 100
74 25.5 21.5 32.3



#16
Methylene chloride
Concen: 38.299 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

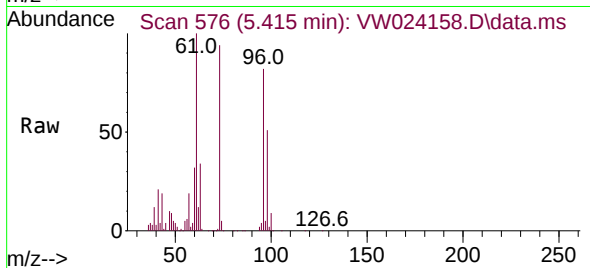
Tgt Ion: 84 Resp: 205748
Ion Ratio Lower Upper
84 100
86 63.3 42.8 79.6
49 118.1 85.3 158.3



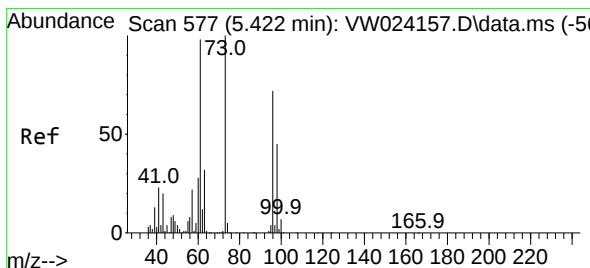
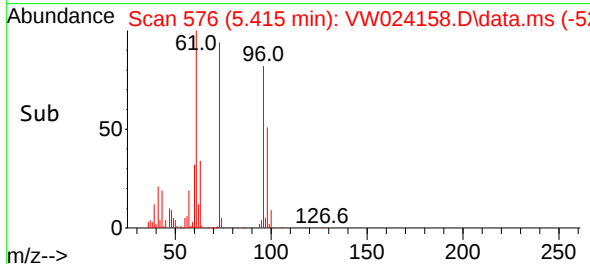
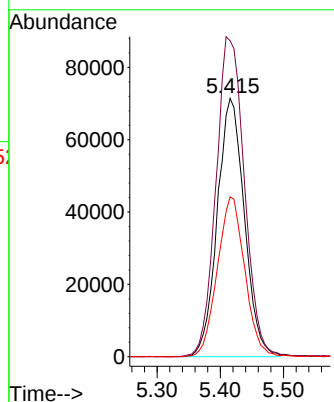


#17
trans-1,2-Dichloroethene
Concen: 50.070 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

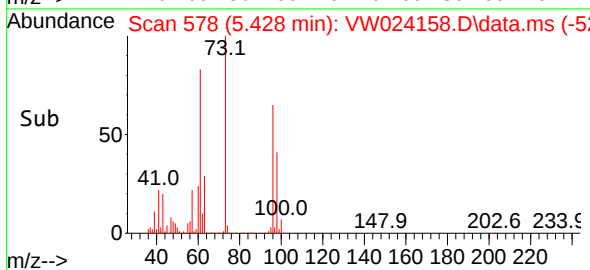
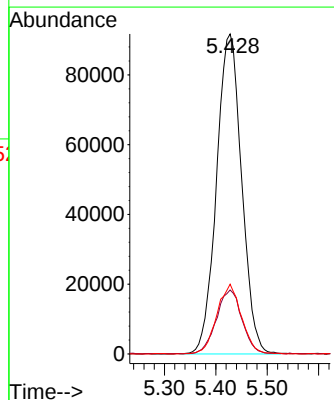
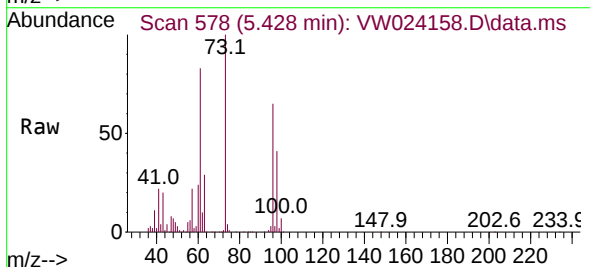


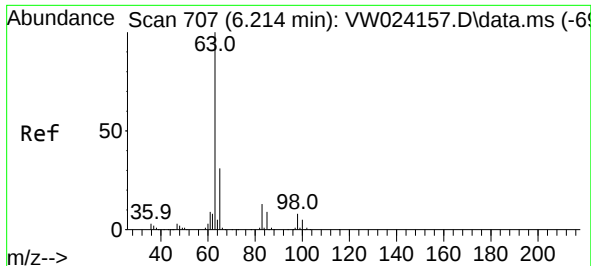
Tgt Ion:	96	Resp:	212384
Ion	Ratio	Lower	Upper
96	100		
61	122.3	93.0	172.8
98	61.9	48.5	90.1



#18
Methyl tert-butyl Ether
Concen: 51.646 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion:	73	Resp:	311472
Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.6	24.8
57	21.4	17.6	26.4





#19

1,1-Dichloroethane

Concen: 47.914 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

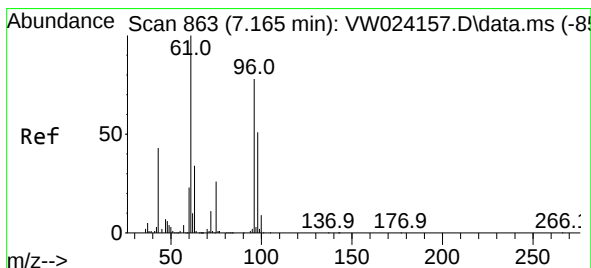
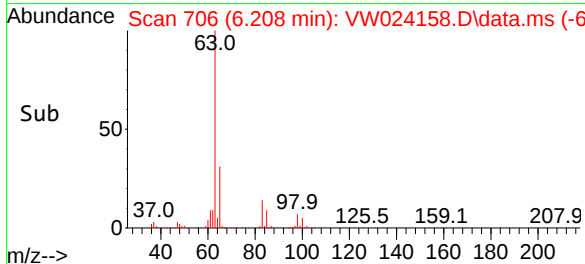
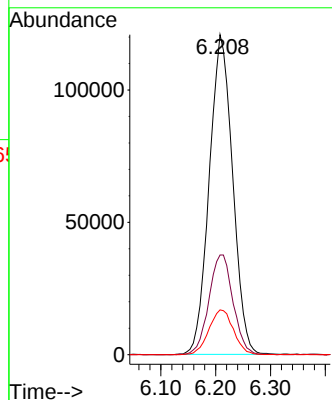
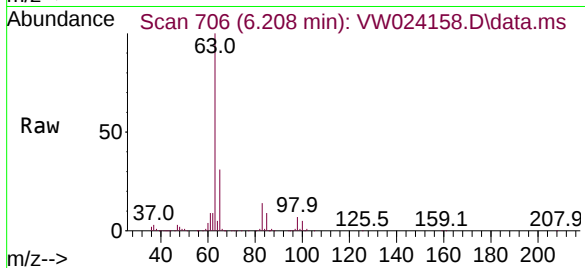
Tgt Ion: 63 Resp: 356965

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 14.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 49.975 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

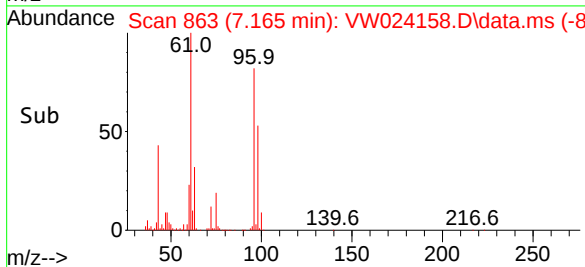
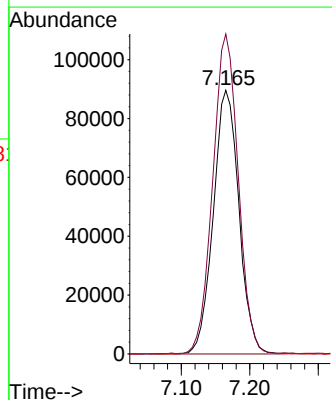
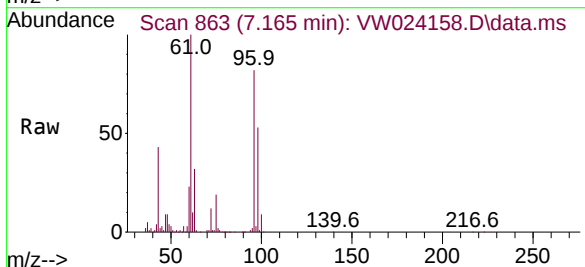
Tgt Ion: 96 Resp: 232463

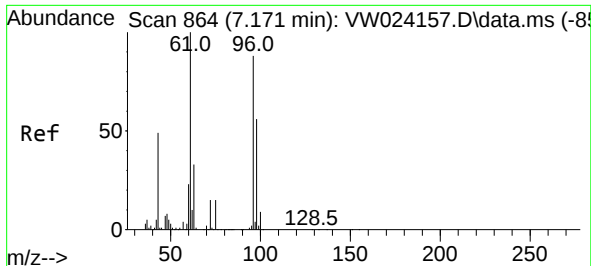
Ion Ratio Lower Upper

96 100

61 121.4 89.5 166.3

68 0.0 0.1 0.1#

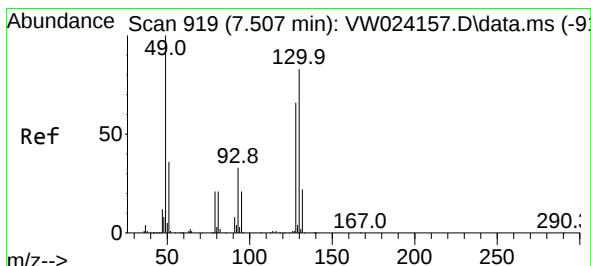
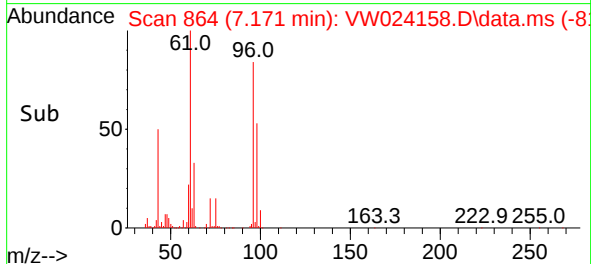
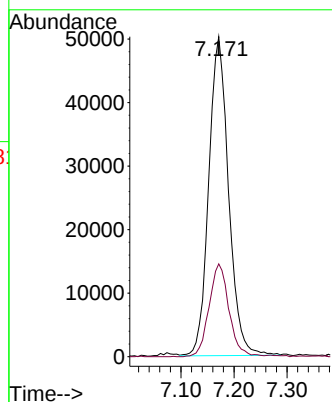
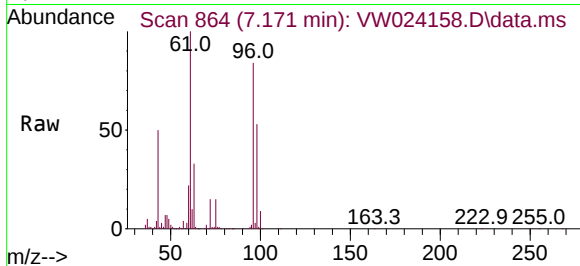




#22
2-Butanone
Concen: 86.657 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

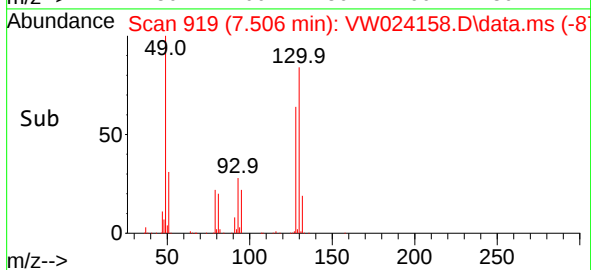
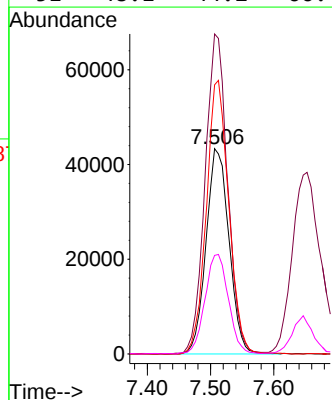
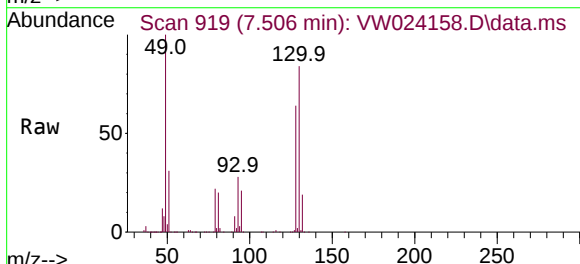
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

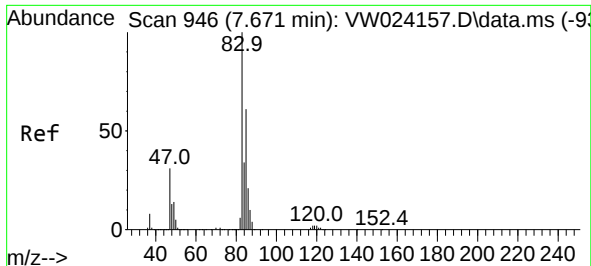
Tgt Ion: 43 Resp: 130473
Ion Ratio Lower Upper
43 100
72 28.9 14.3 42.9



#23
Bromochloromethane
Concen: 47.245 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion: 128 Resp: 109286
Ion Ratio Lower Upper
128 100
49 155.9 106.6 198.0
130 131.1 88.1 163.5
51 48.1 44.2 66.4





#25

Chloroform

Concen: 48.012 ug/L

RT: 7.671 min Scan# 946

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

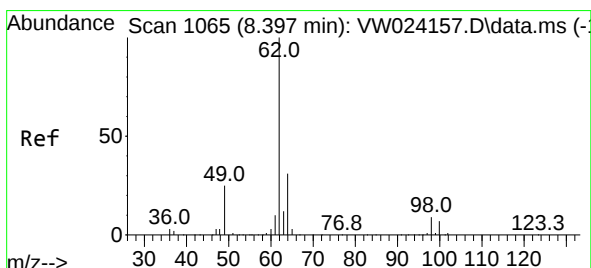
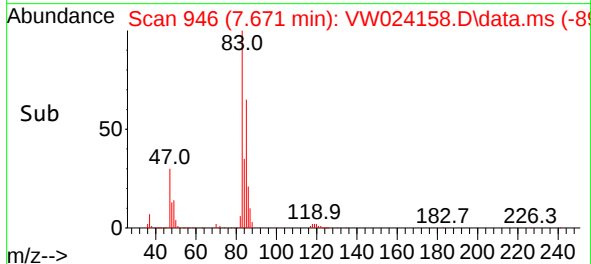
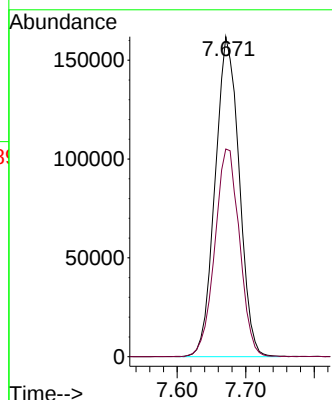
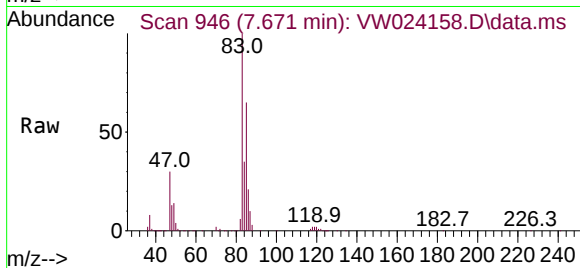
VSTD050410

Tgt Ion: 83 Resp: 394157

Ion Ratio Lower Upper

83 100

85 64.9 42.9 79.7



#27

1,2-Dichloroethane

Concen: 46.788 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024158.D

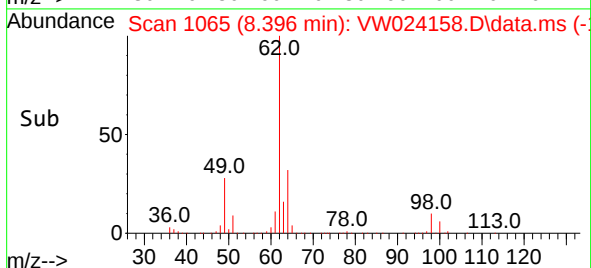
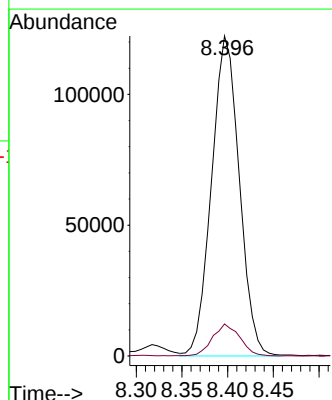
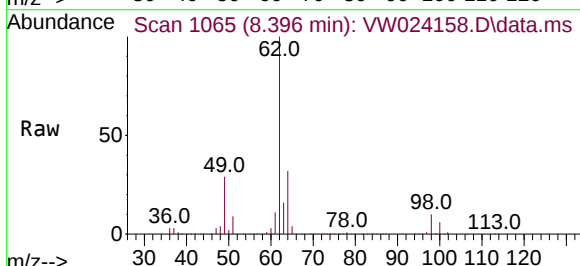
Acq: 04 Aug 2022 10:35

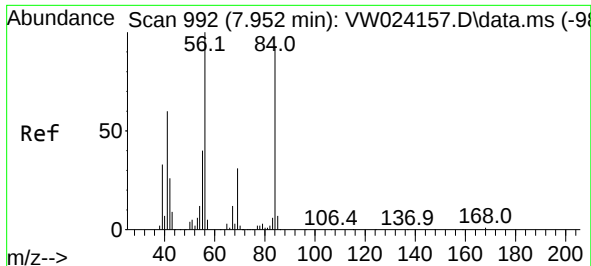
Tgt Ion: 62 Resp: 258464

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

Cyclohexane

Concen: 53.226 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

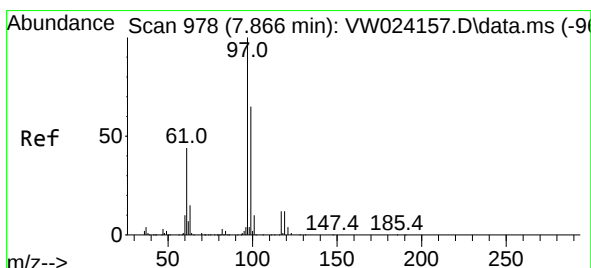
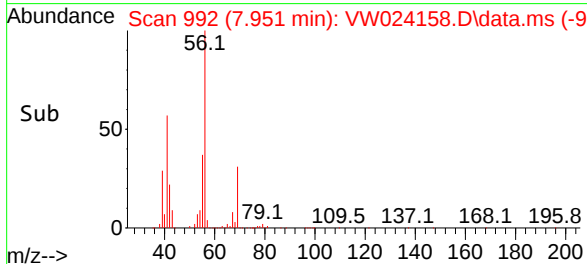
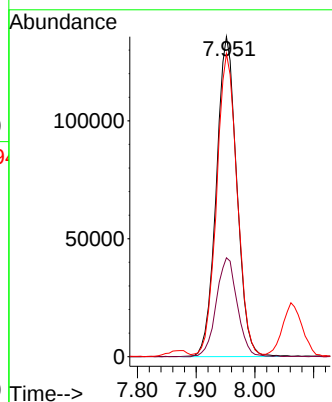
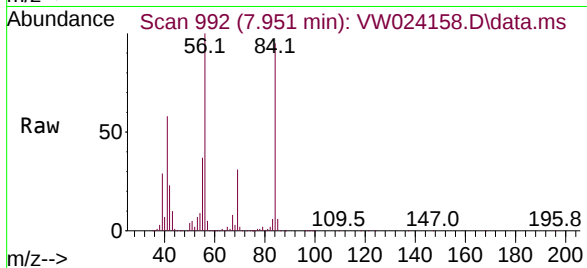
Tgt Ion: 56 Resp: 328270

Ion Ratio Lower Upper

56 100

69 31.7 24.5 36.7

84 95.0 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 48.772 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

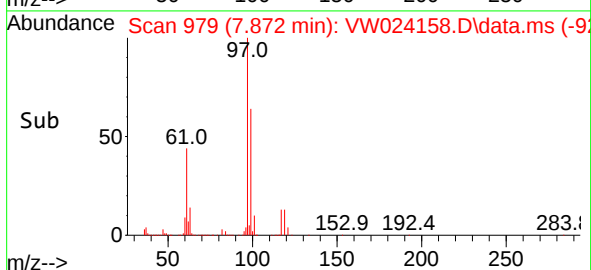
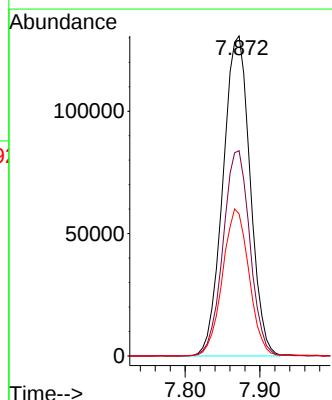
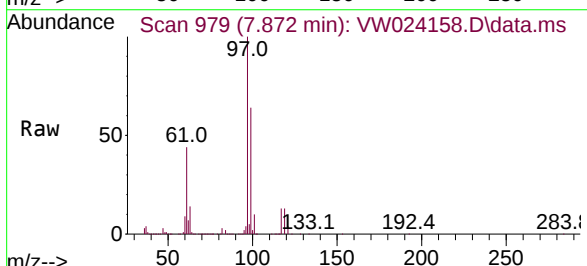
Tgt Ion: 97 Resp: 330878

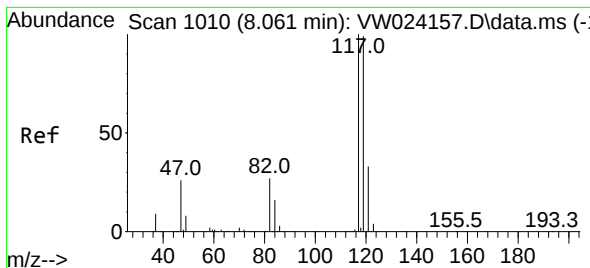
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.6

61 45.0 36.2 54.2

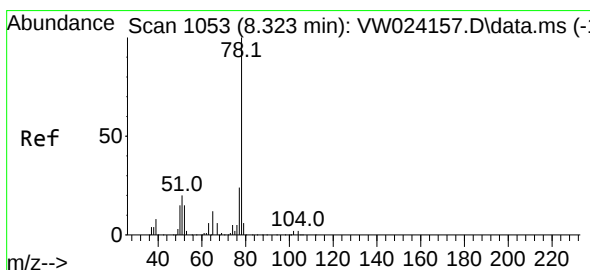
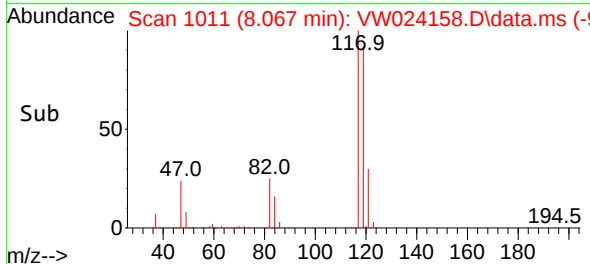
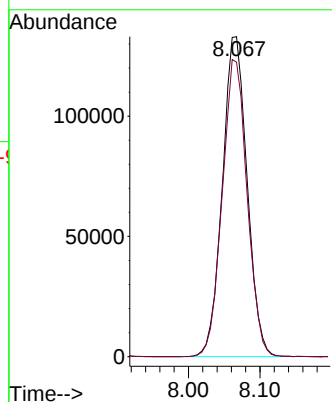
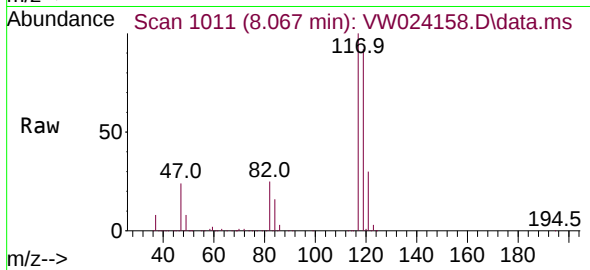




#31
Carbon tetrachloride
Concen: 49.994 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

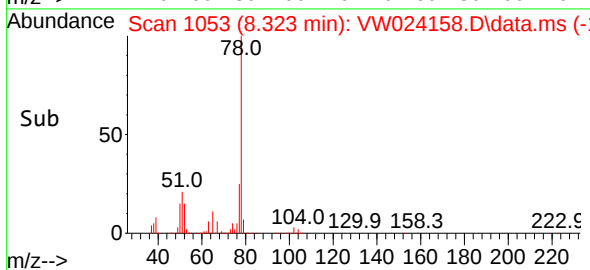
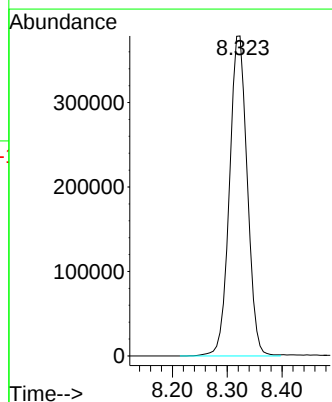
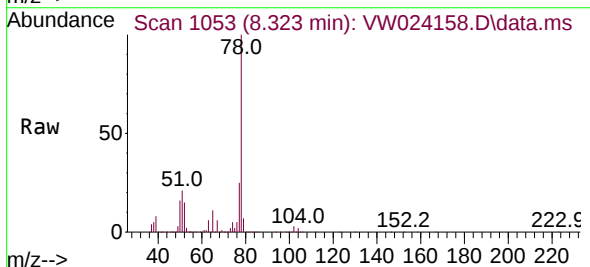
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

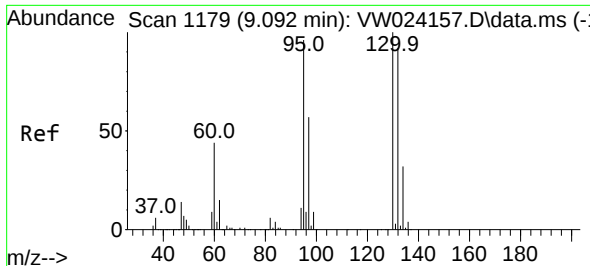
Tgt Ion:117 Resp: 319973
Ion Ratio Lower Upper
117 100
119 93.3 77.8 116.8



#33
Benzene
Concen: 48.135 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion: 78 Resp: 855251





#34

Trichloroethene

Concen: 48.103 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

Tgt Ion: 95 Resp: 225904

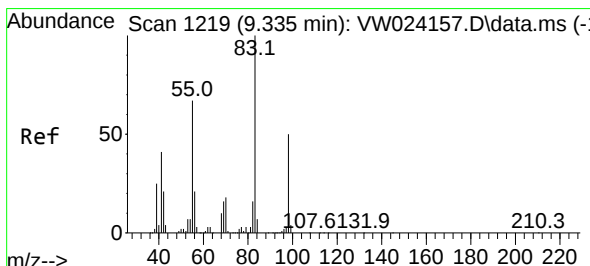
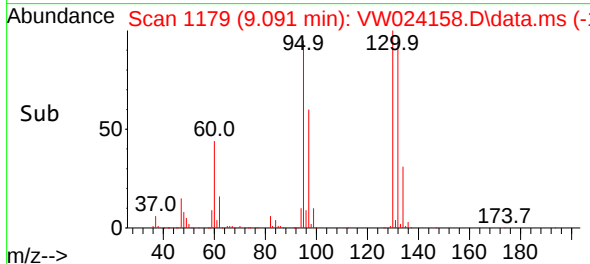
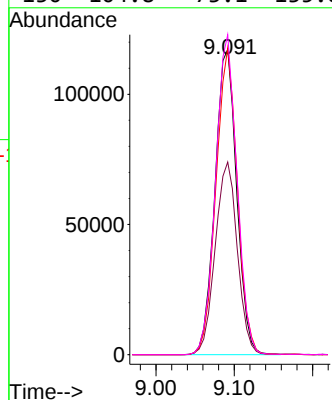
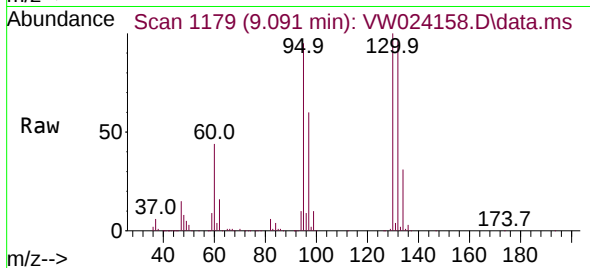
Ion Ratio Lower Upper

95 100

97 63.1 41.6 77.2

132 100.4 67.0 124.4

130 104.8 73.1 135.8



#35

Methylcyclohexane

Concen: 53.201 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

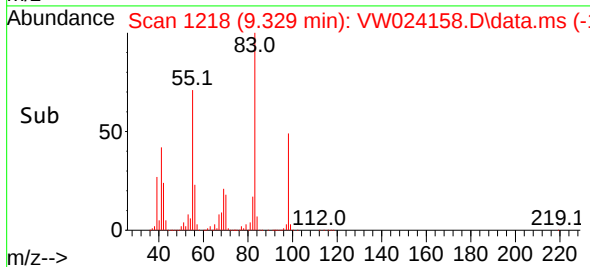
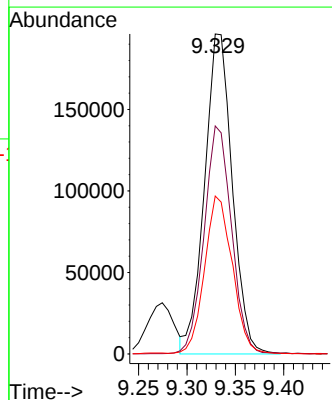
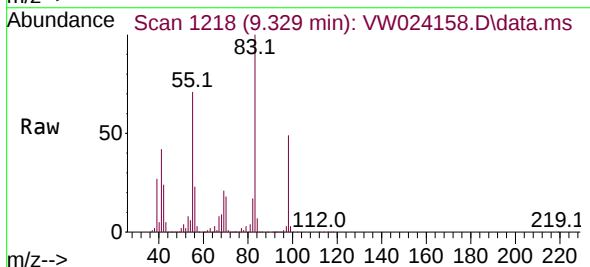
Tgt Ion: 83 Resp: 391796

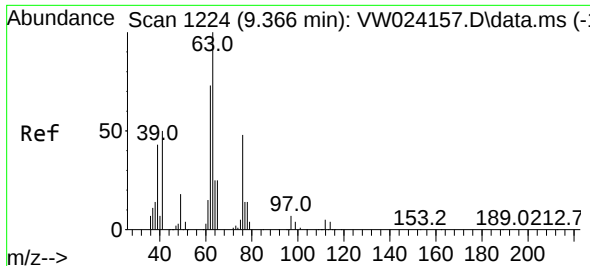
Ion Ratio Lower Upper

83 100

55 70.5 59.1 88.7

98 49.6 40.8 61.2





#37

1,2-Dichloropropane

Concen: 47.366 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

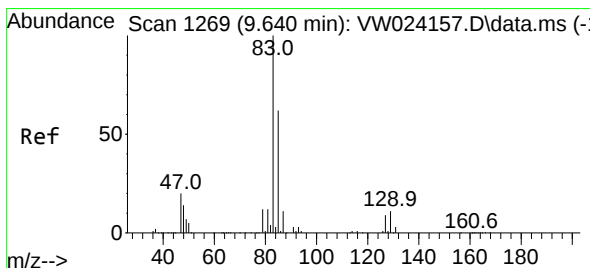
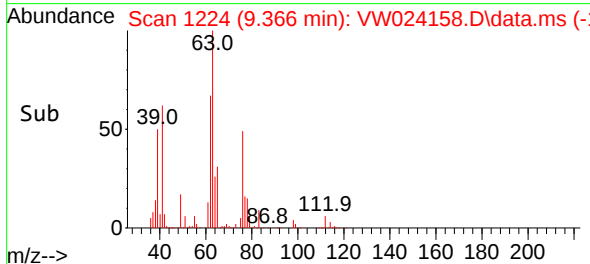
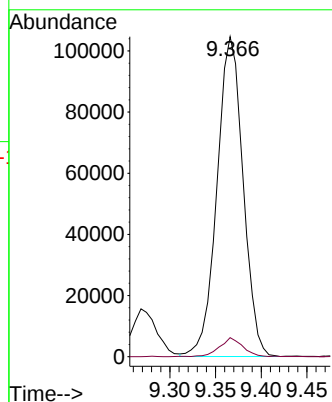
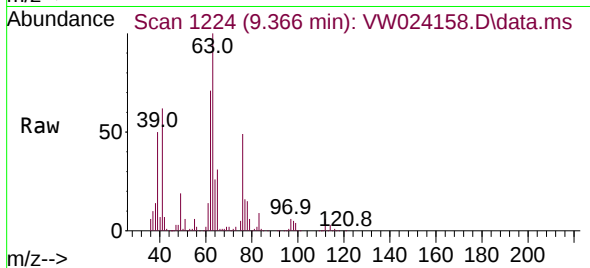
VSTD050410

Tgt Ion: 63 Resp: 208036

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 47.706 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

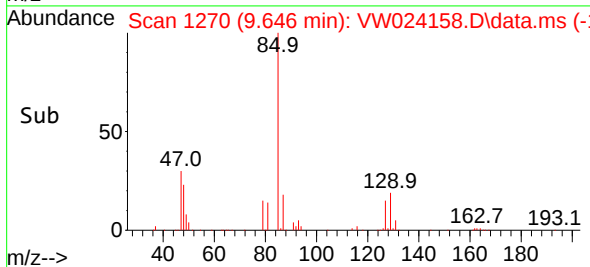
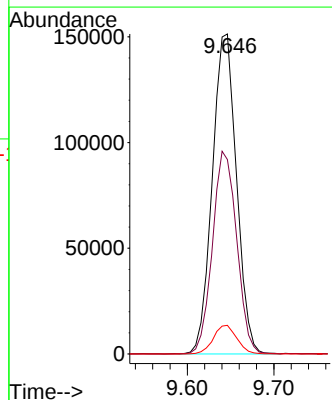
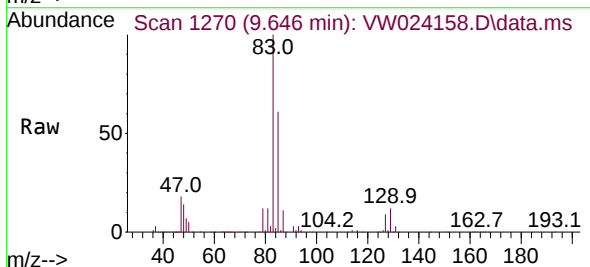
Tgt Ion: 83 Resp: 293879

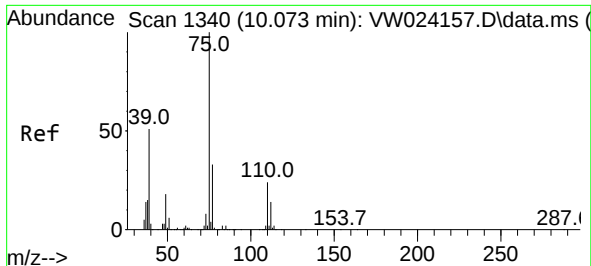
Ion Ratio Lower Upper

83 100

85 60.8 43.7 81.1

127 8.9 6.9 10.3

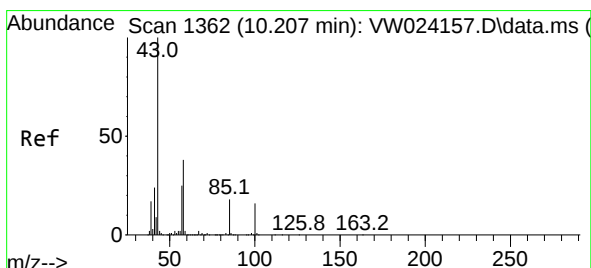
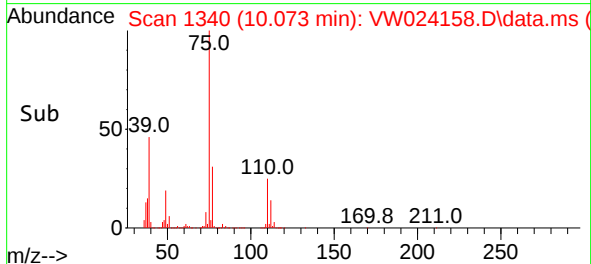
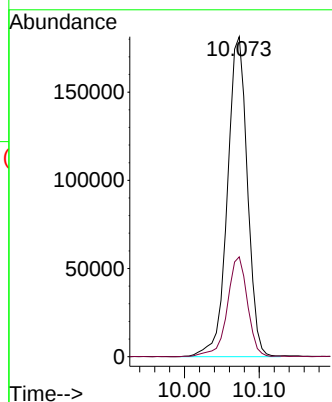
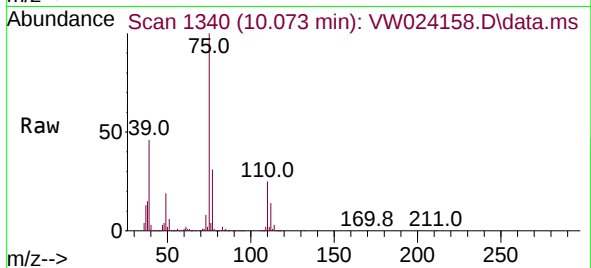




#39
 cis-1,3-Dichloropropene
 Concen: 52.307 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024158.D
 Acq: 04 Aug 2022 10:35

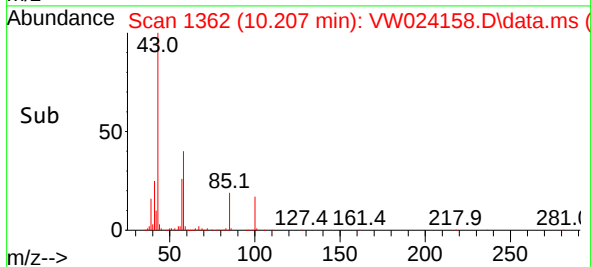
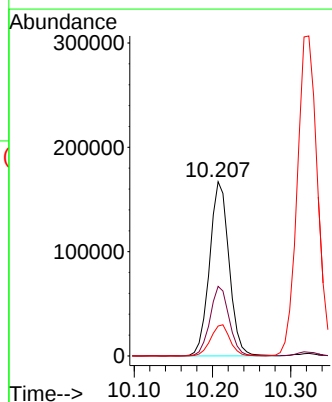
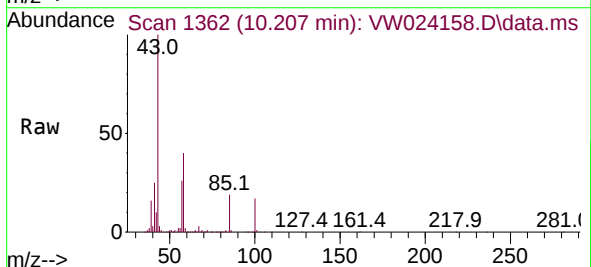
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050410

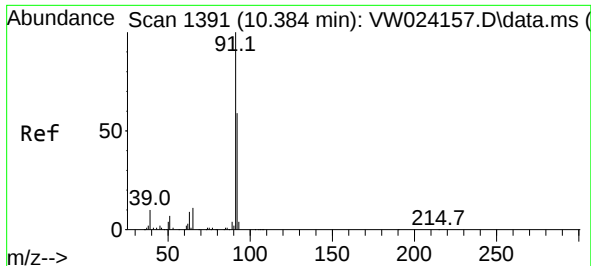
Tgt Ion: 75 Resp: 337989
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 98.969 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024158.D
 Acq: 04 Aug 2022 10:35

Tgt Ion: 43 Resp: 288486
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.5 45.7
 100 17.8 13.8 20.6

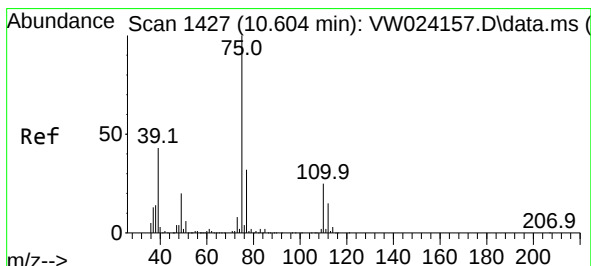
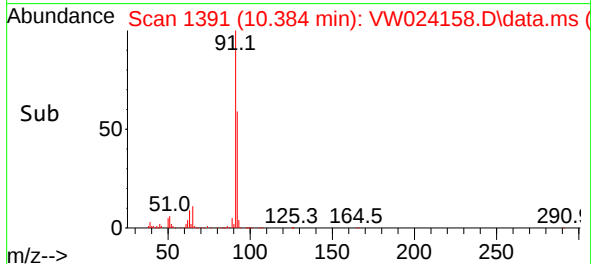
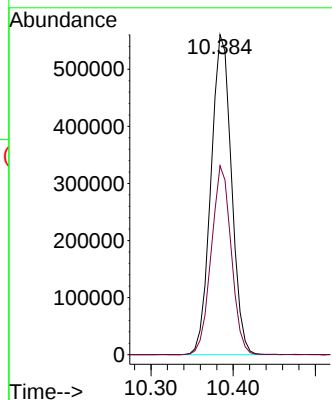
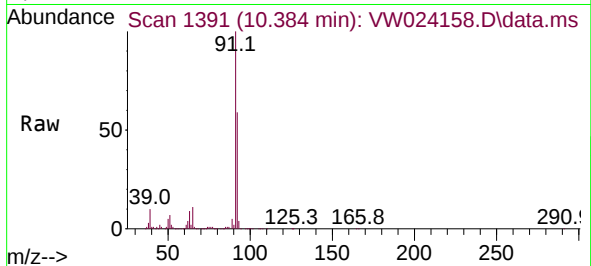




#42
Toluene
Concen: 51.539 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

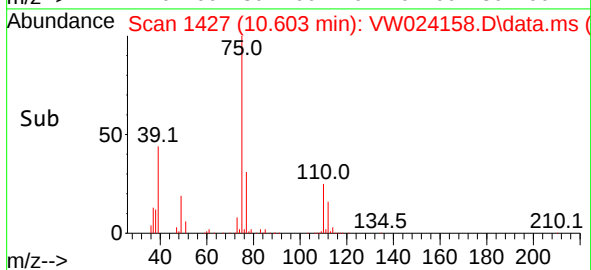
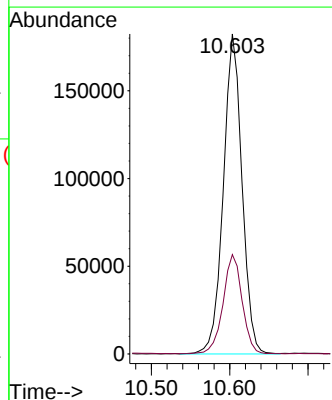
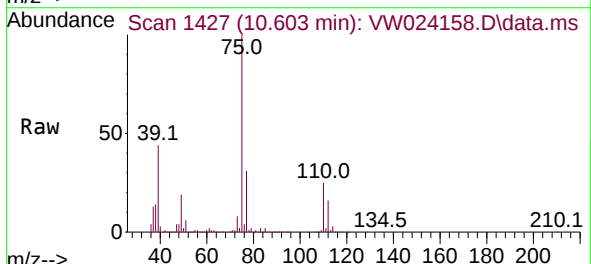
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

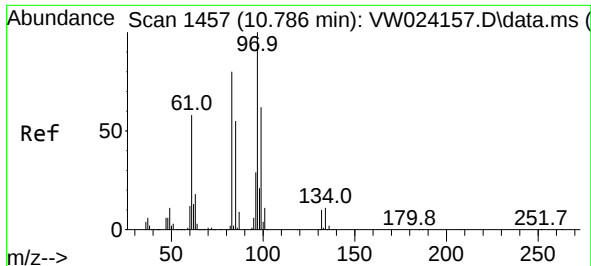
Tgt Ion: 91 Resp: 973103
Ion Ratio Lower Upper
91 100
92 59.1 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 51.228 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion: 75 Resp: 302462
Ion Ratio Lower Upper
75 100
77 31.1 22.4 41.6

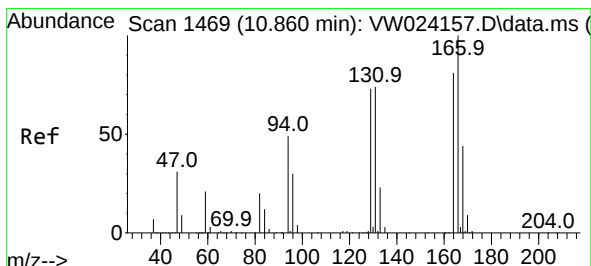
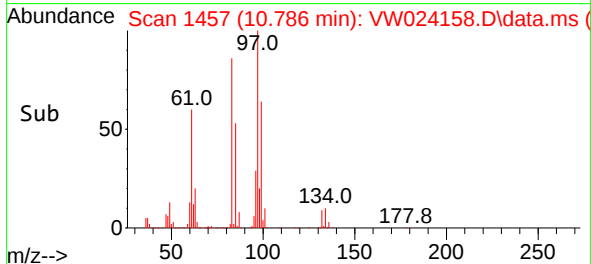
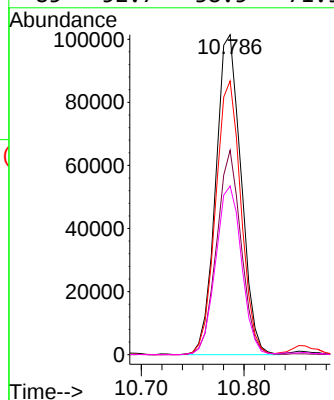
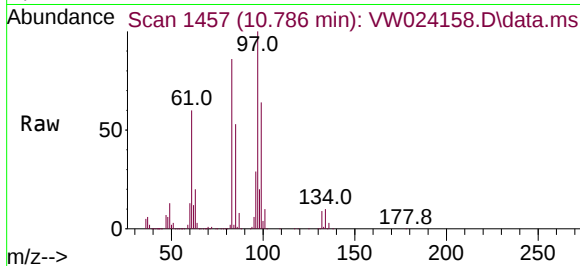




#45
1,1,2-Trichloroethane
Concen: 47.021 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

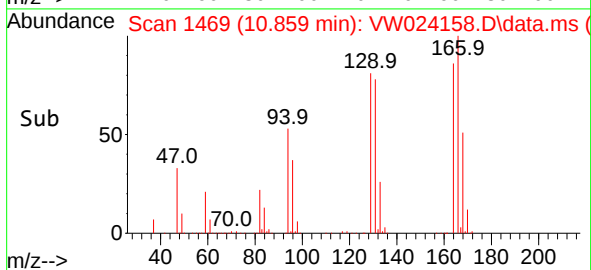
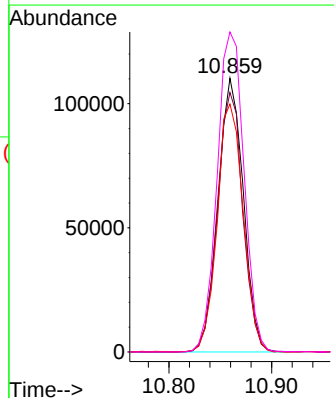
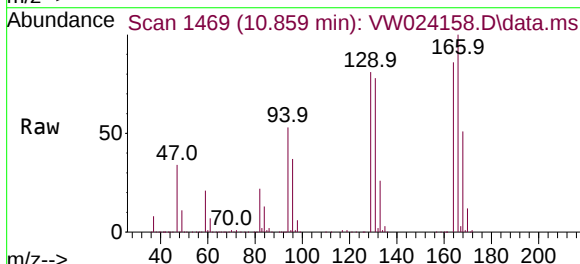
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

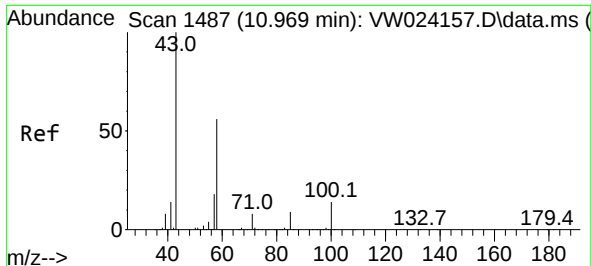
Tgt Ion: 97	Resp: 174066
Ion Ratio	Lower Upper
97 100	
99 63.9	43.8 81.3
83 85.5	56.4 104.7
85 52.7	38.5 71.5



#46
Tetrachloroethene
Concen: 49.696 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt	Ion:164	Resp:	188941
Ion	Ratio	Lower	Upper
164	100		
129	94.8	63.1	117.3
131	90.6	63.9	118.7
166	116.9	86.8	161.2



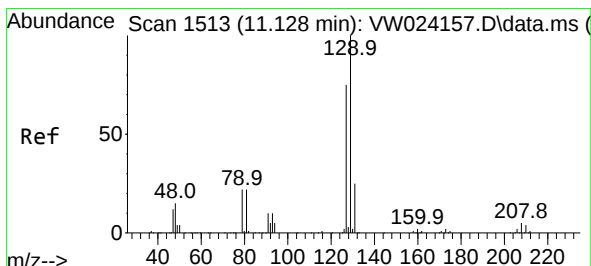
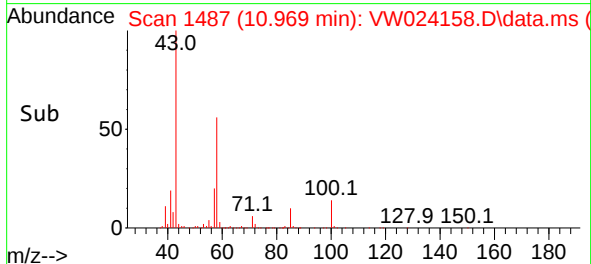
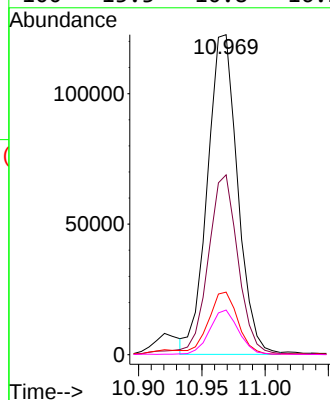
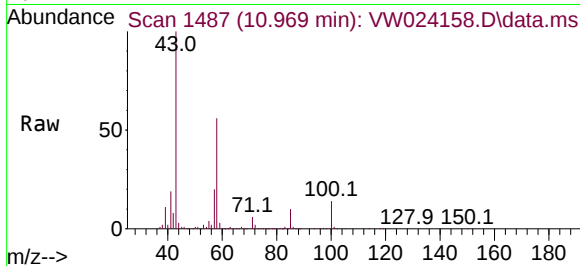


#48
2-Hexanone
Concen: 102.990 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

Tgt Ion: 43 Resp: 203736

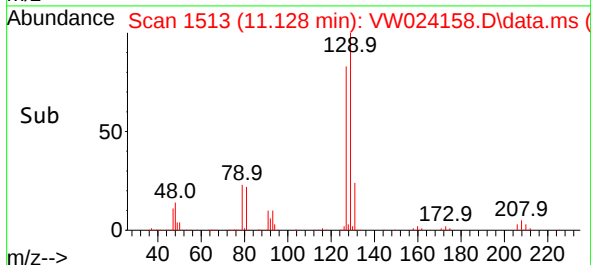
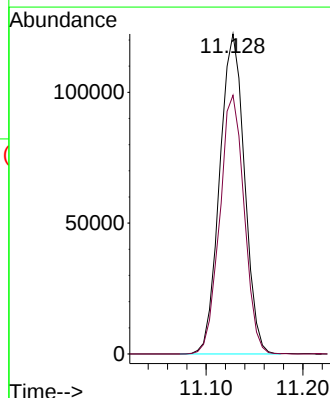
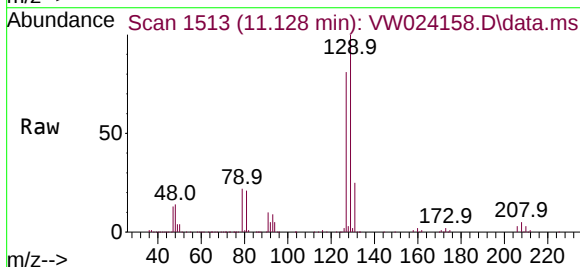
Ion	Ratio	Lower	Upper
43	100		
58	56.6	43.4	65.0
57	19.3	15.0	22.4
100	13.3	10.8	16.2

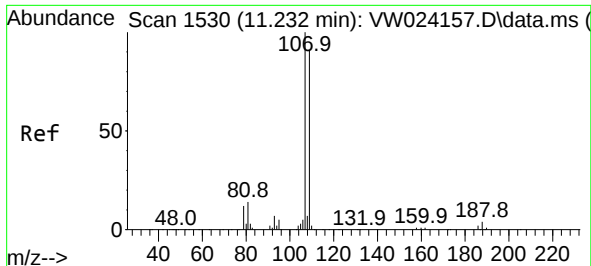


#49
Dibromochloromethane
Concen: 48.875 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion: 129 Resp: 217816

Ion	Ratio	Lower	Upper
129	100		
127	80.9	52.3	97.1

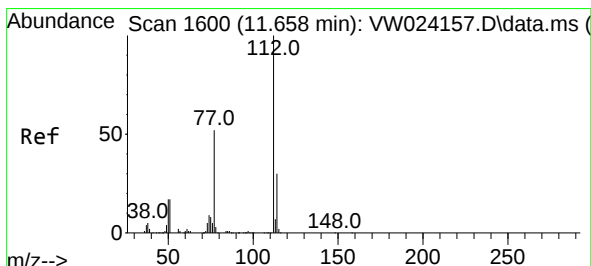
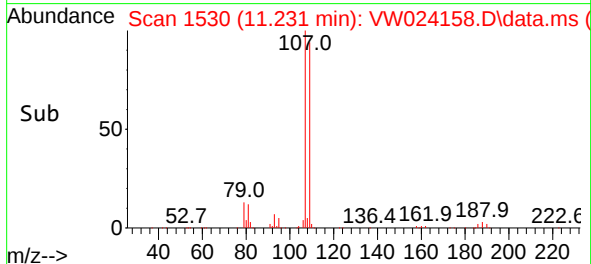
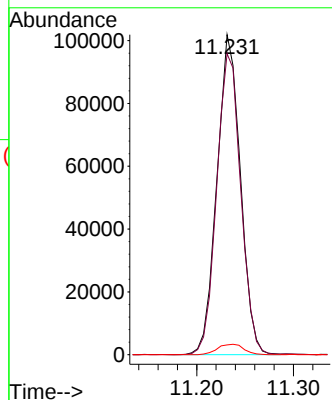
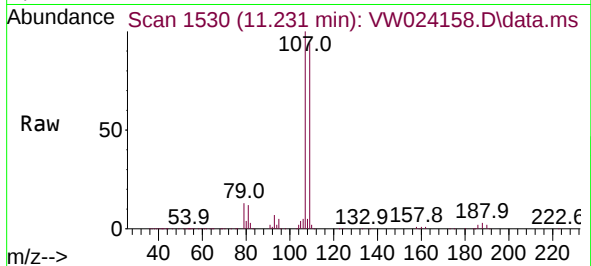




#50
1,2-Dibromoethane
Concen: 48.379 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

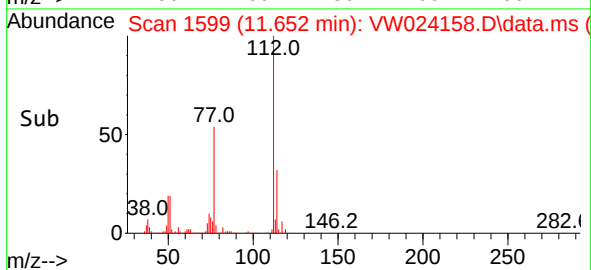
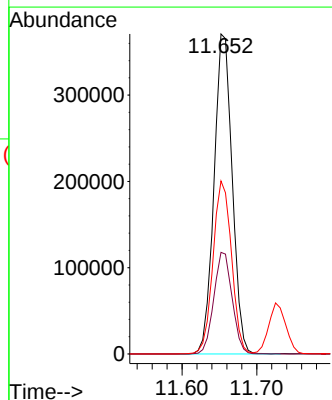
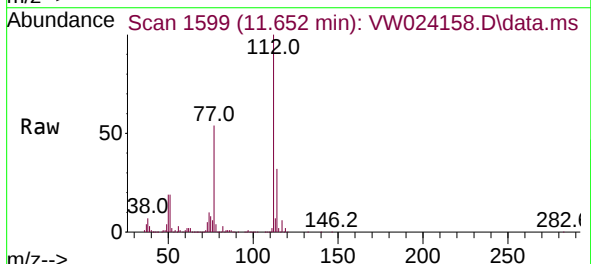
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

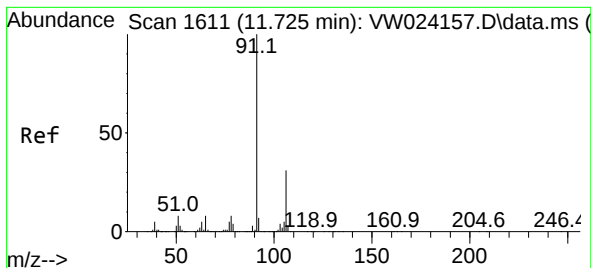
Tgt Ion:107 Resp: 171590
Ion Ratio Lower Upper
107 100
109 94.0 64.0 119.0
188 3.1 3.1 4.7#



#51
Chlorobenzene
Concen: 48.703 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion:112 Resp: 628270
Ion Ratio Lower Upper
112 100
114 31.7 20.7 38.5
77 54.0 41.4 62.2

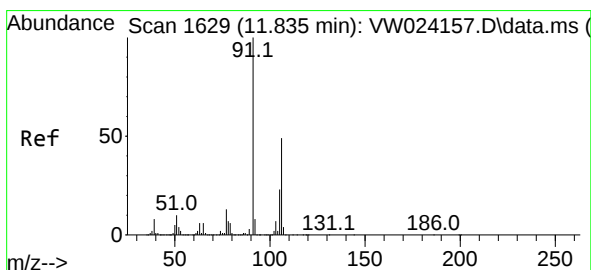
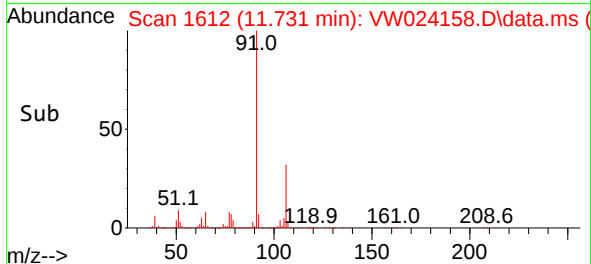
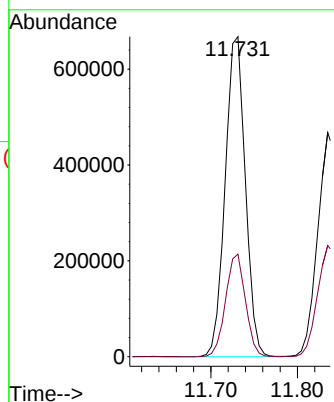
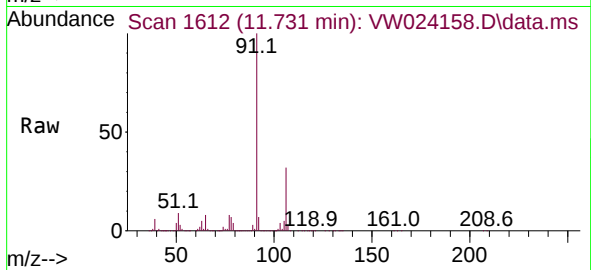




#52
Ethylbenzene
Concen: 52.197 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

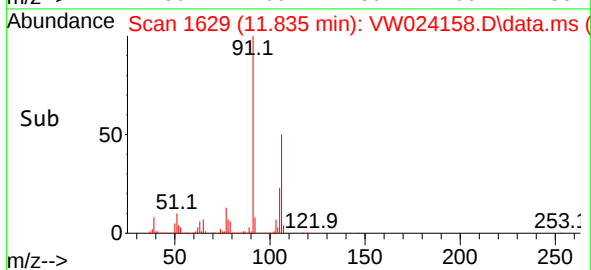
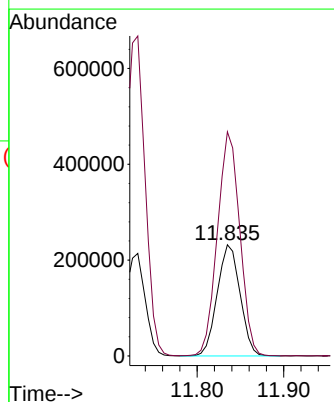
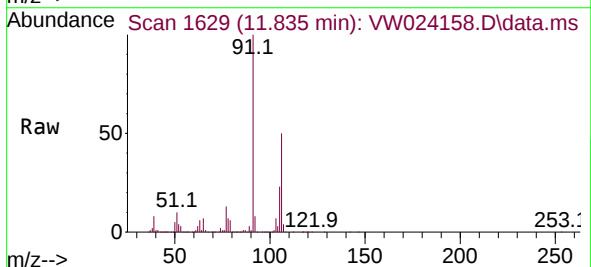
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

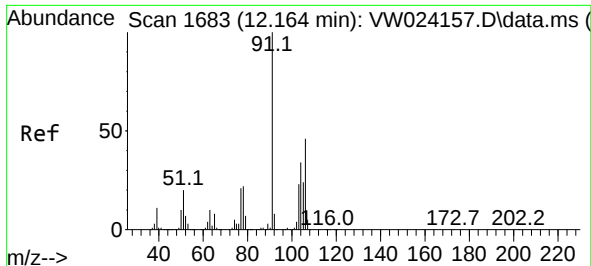
Tgt Ion: 91 Resp: 1079748
Ion Ratio Lower Upper
91 100
106 32.0 21.9 40.7



#53
m,p-Xylene
Concen: 52.741 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion:106 Resp: 424681
Ion Ratio Lower Upper
106 100
91 201.5 144.1 267.7

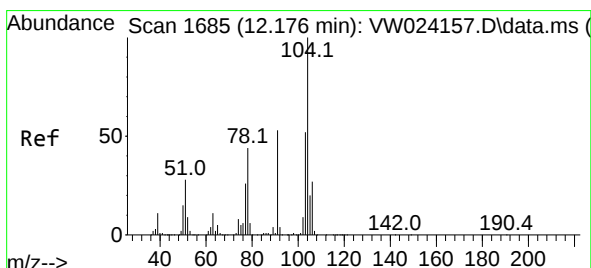
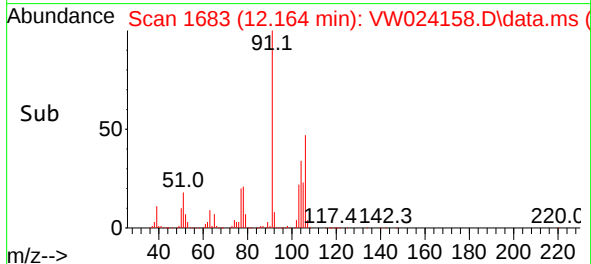
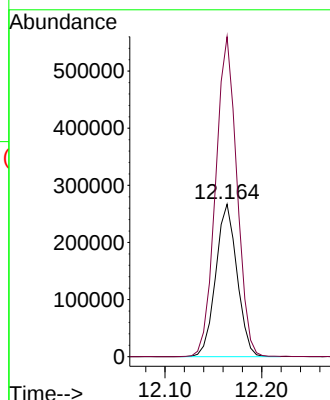
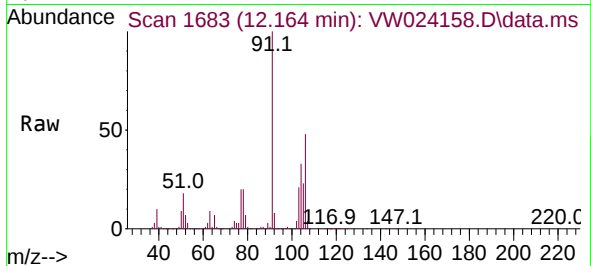




#54
o-Xylene
Concen: 53.647 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

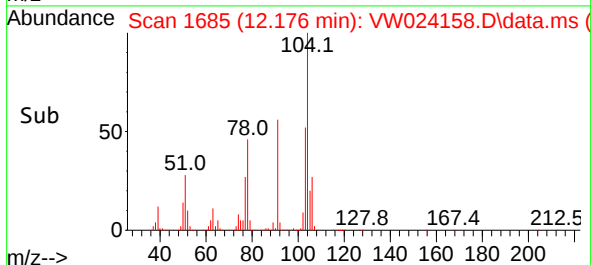
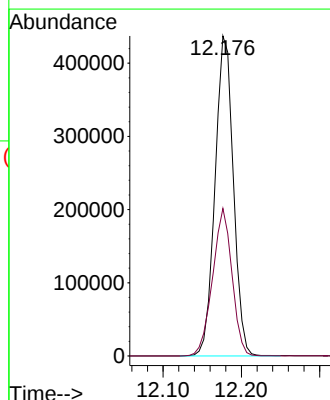
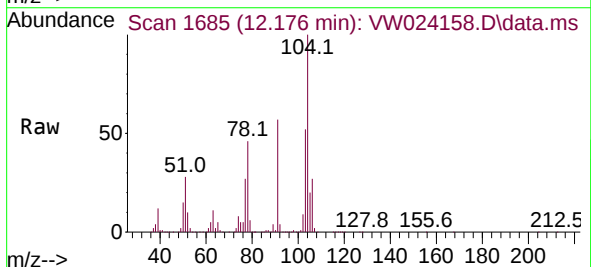
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

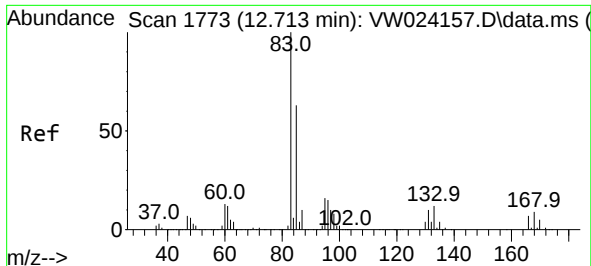
Tgt Ion:106 Resp: 408101
Ion Ratio Lower Upper
106 100
91 210.0 150.9 280.3



#55
Styrene
Concen: 53.771 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion:104 Resp: 711415
Ion Ratio Lower Upper
104 100
78 46.1 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 46.787 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

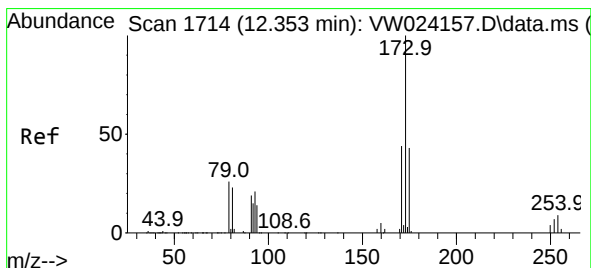
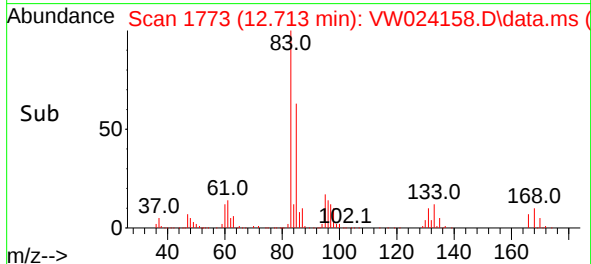
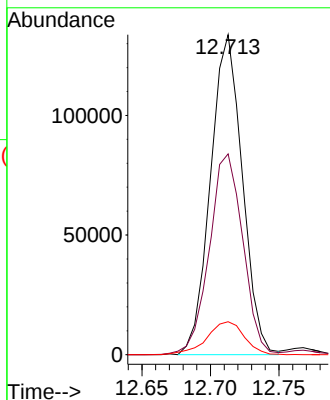
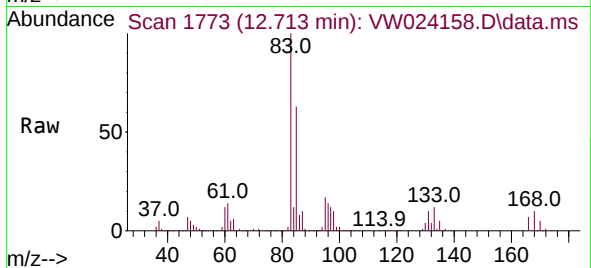
Tgt Ion: 83 Resp: 216458

Ion Ratio Lower Upper

83 100

85 62.8 44.1 81.9

131 10.3 8.3 12.5



#59

Bromoform

Concen: 49.428 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

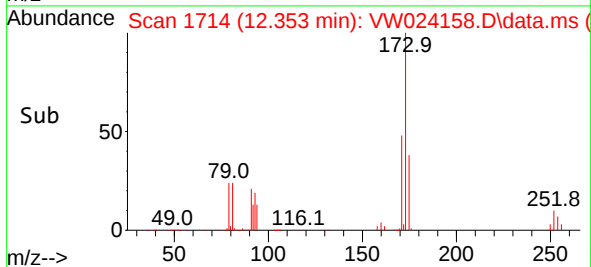
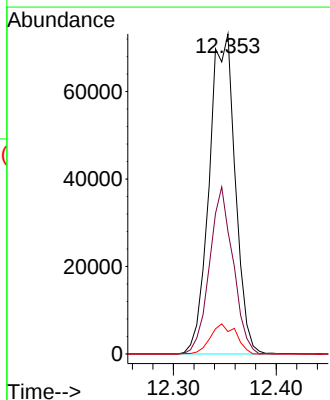
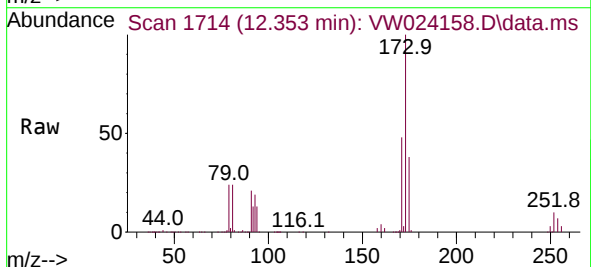
Tgt Ion: 173 Resp: 128013

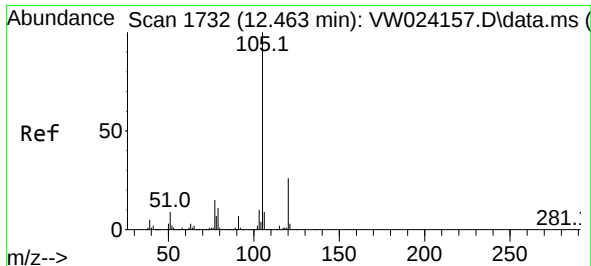
Ion Ratio Lower Upper

173 100

175 47.3 39.0 58.6

254 9.3 6.8 10.2

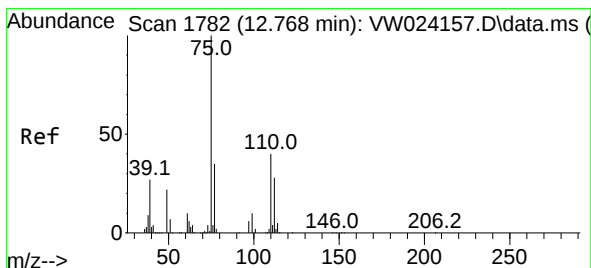
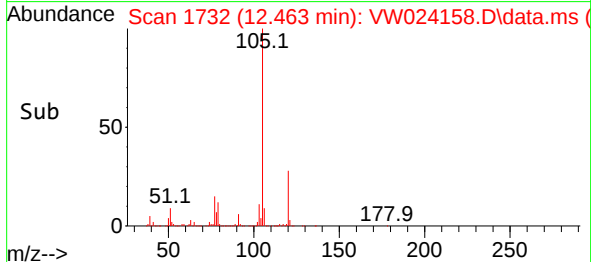
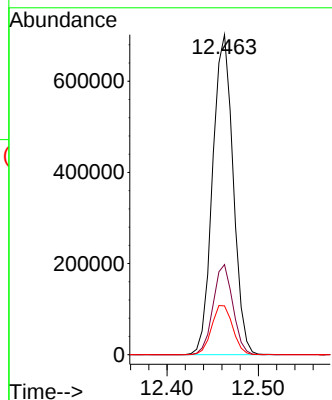
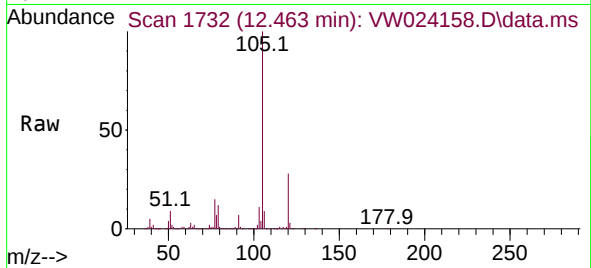




#60
Isopropylbenzene
Concen: 53.215 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

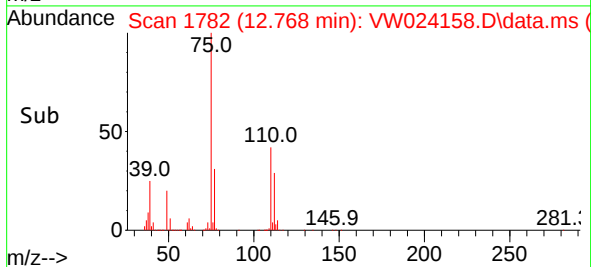
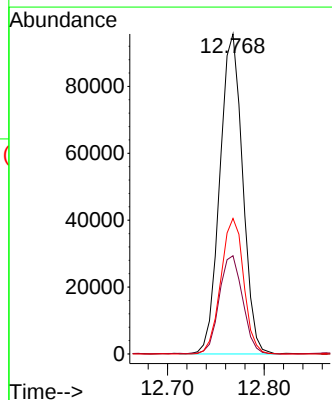
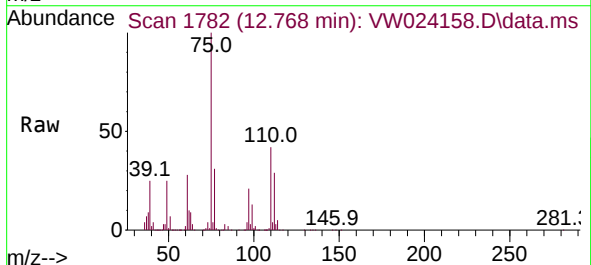
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

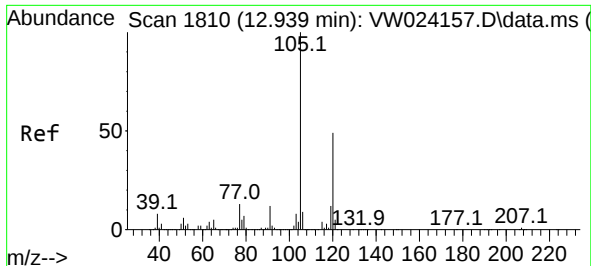
Tgt Ion:105 Resp: 1093809
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 15.8 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 46.362 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion: 75 Resp: 156658
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.4
110 42.3 33.6 50.4

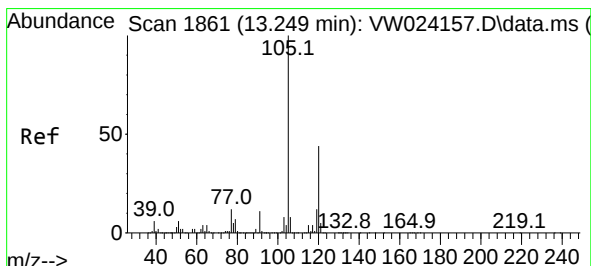
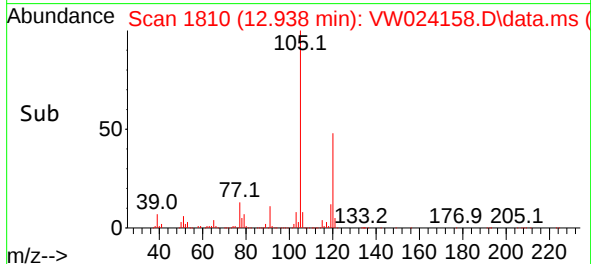
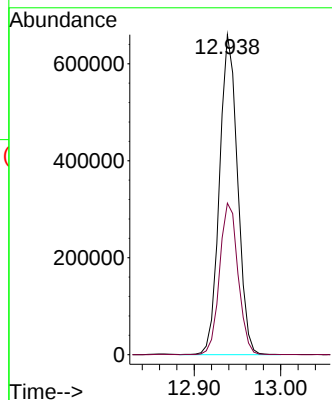
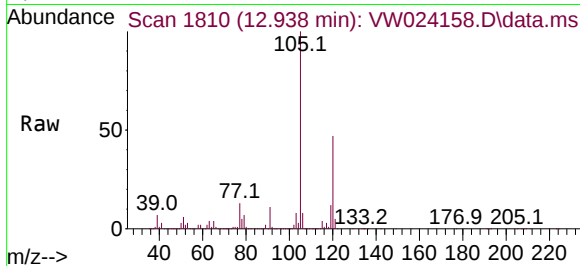




#62
1,3,5-Trimethylbenzene
Concen: 56.345 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

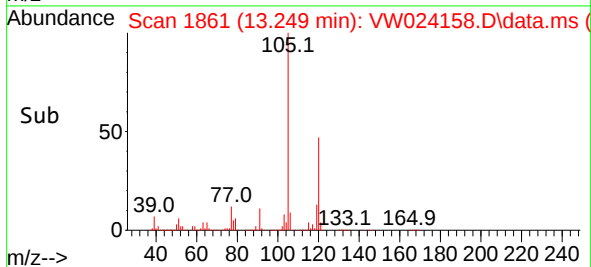
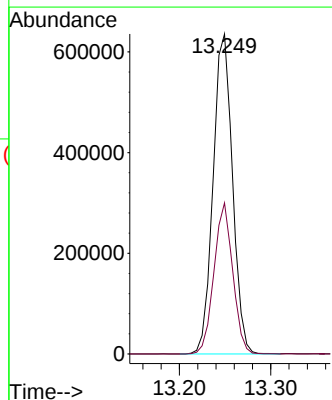
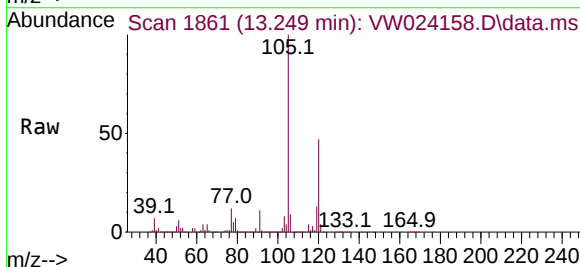
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

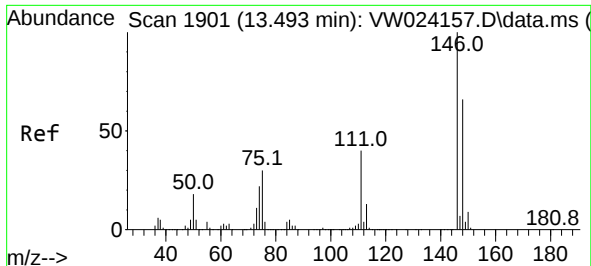
Tgt Ion:105 Resp: 957061
Ion Ratio Lower Upper
105 100
120 48.3 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 55.916 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion:105 Resp: 935376
Ion Ratio Lower Upper
105 100
120 45.6 36.4 54.6

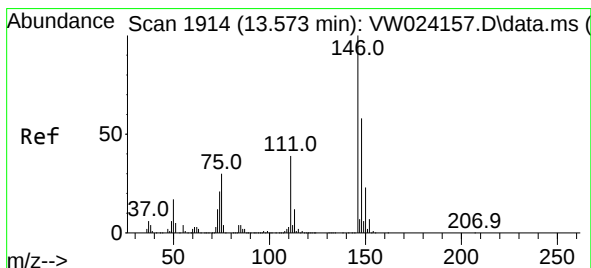
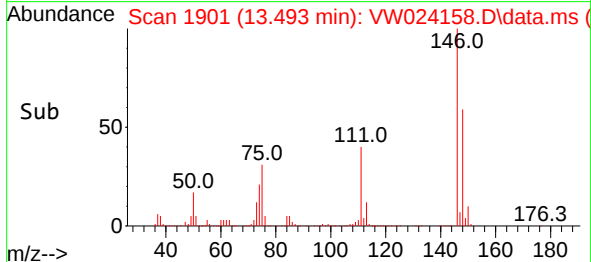
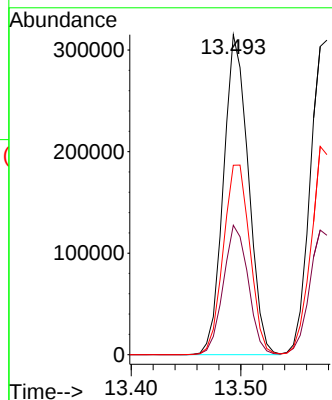
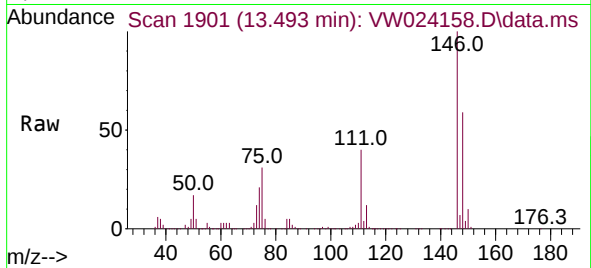




#64
1,3-Dichlorobenzene
Concen: 49.420 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

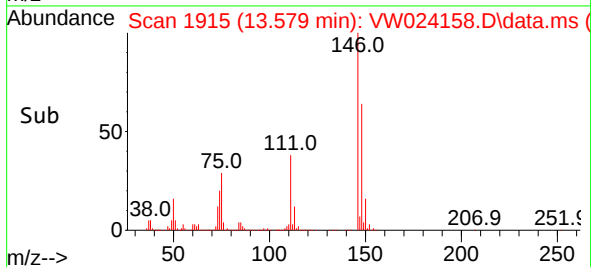
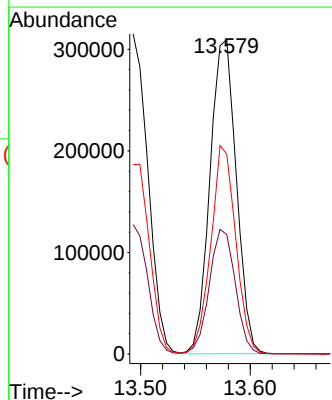
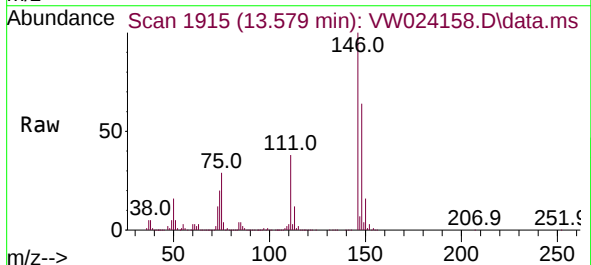
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

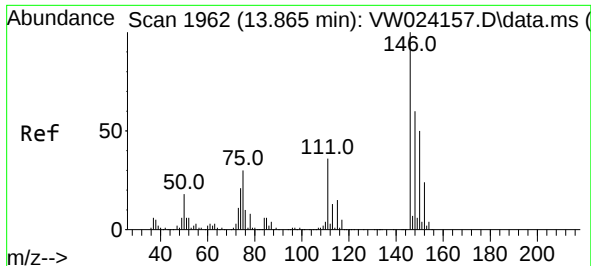
Tgt Ion:146 Resp: 497413
Ion Ratio Lower Upper
146 100
111 40.4 28.0 52.0
148 59.2 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 48.596 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion:146 Resp: 517933
Ion Ratio Lower Upper
146 100
111 37.9 27.6 51.4
148 63.6 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 48.943 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

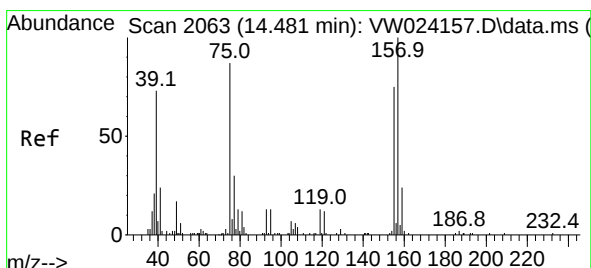
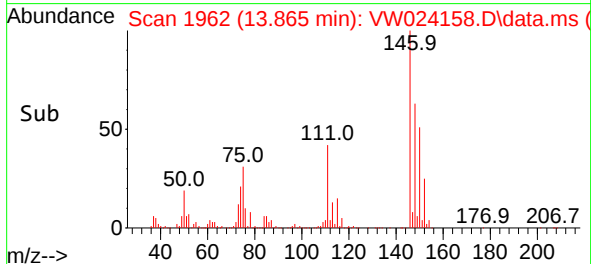
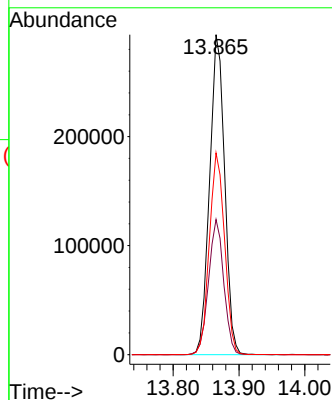
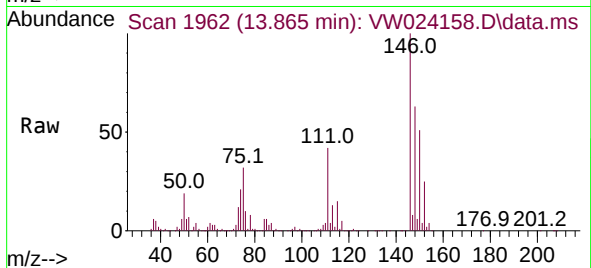
Tgt Ion:146 Resp: 467787

Ion Ratio Lower Upper

146 100

111 42.2 29.0 43.6

148 63.1 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 44.910 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

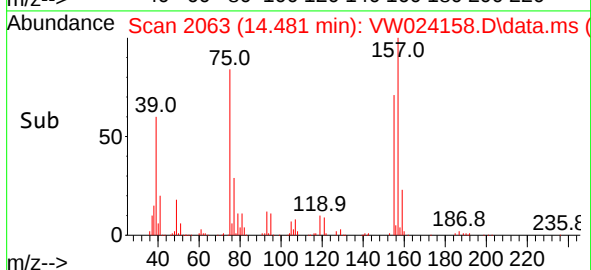
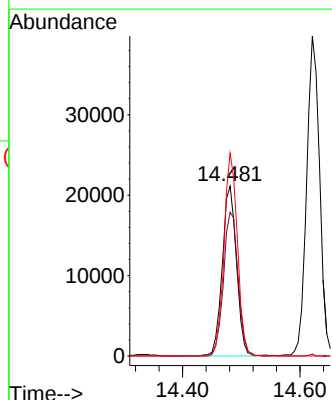
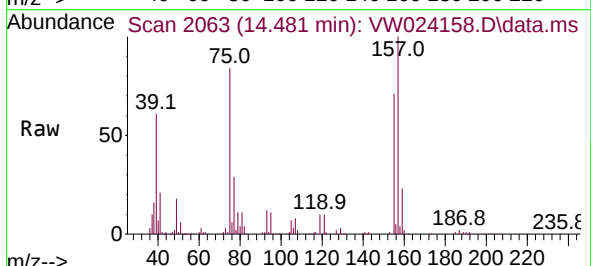
Tgt Ion: 75 Resp: 35455

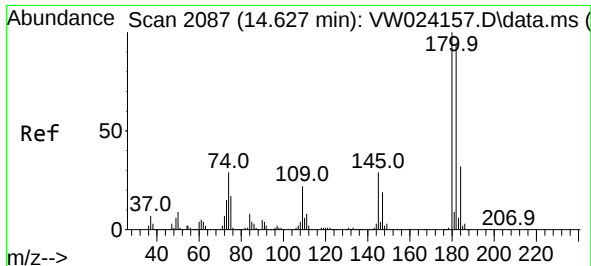
Ion Ratio Lower Upper

75 100

155 84.7 68.8 103.2

157 119.5 91.5 137.3

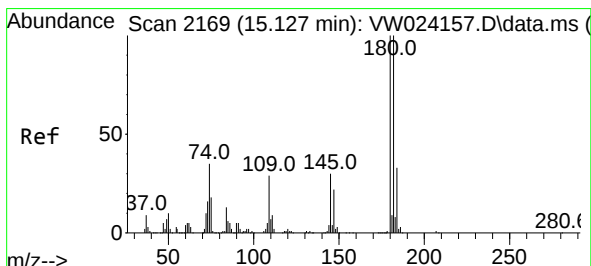
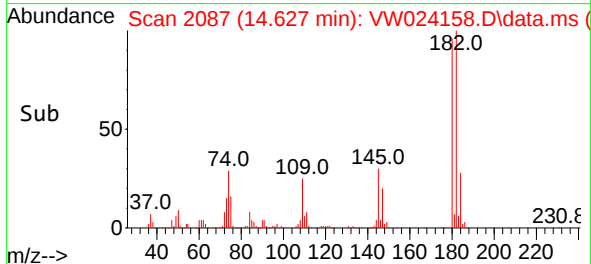
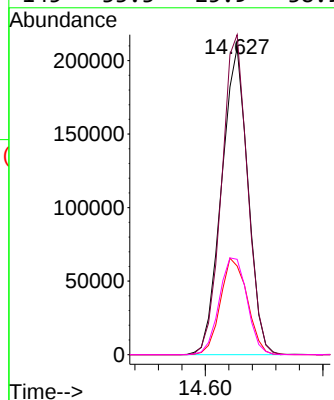
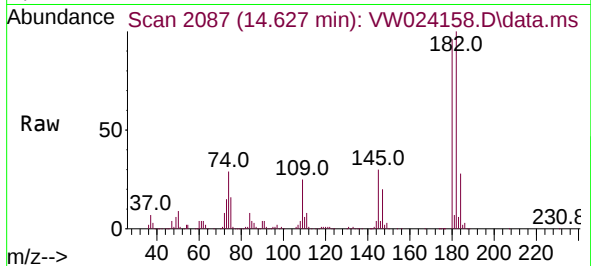




#69
1,3,5-Trichlorobenzene
Concen: 49.232 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

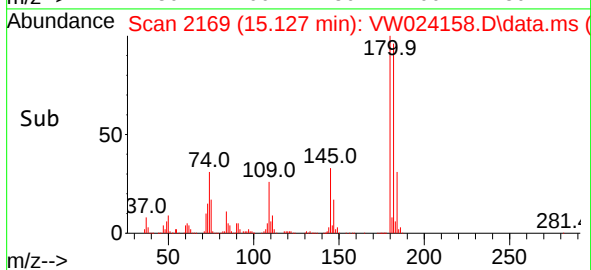
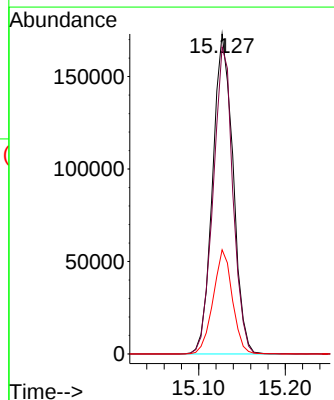
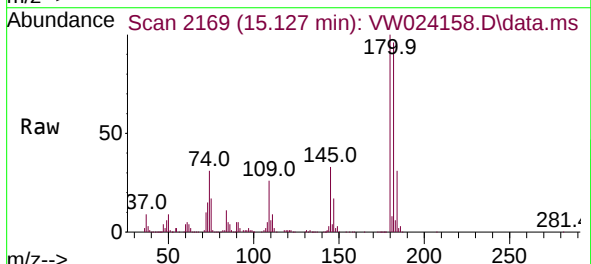
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

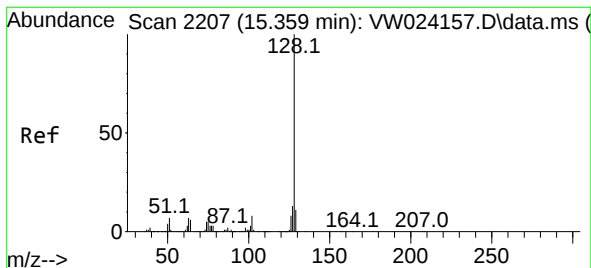
Tgt Ion:180	Resp:	324930	
Ion	Ratio	Lower	Upper
180	100		
182	102.2	78.4	117.6
184	32.1	24.7	37.1
145	33.3	25.9	38.9



#70
1,2,4-trichlorobenzene
Concen: 53.508 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024158.D
Acq: 04 Aug 2022 10:35

Tgt Ion:180	Resp:	282813	
Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.0	112.4
145	30.8	25.1	37.7





#71

Naphthalene

Concen: 55.657 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

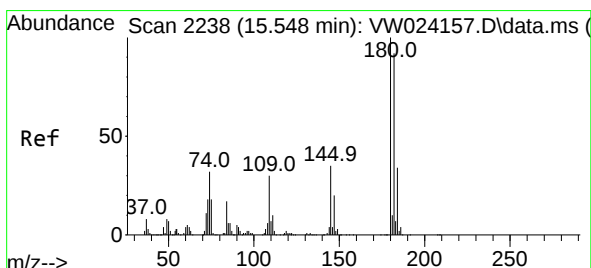
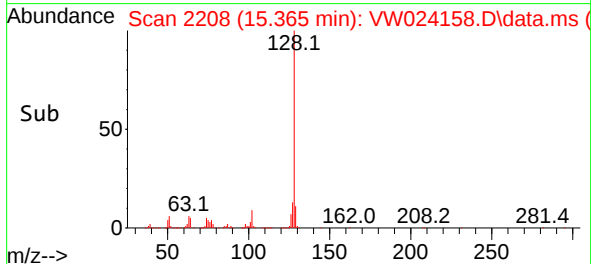
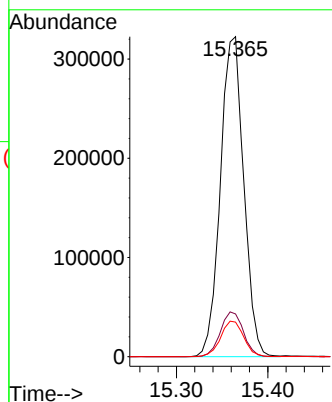
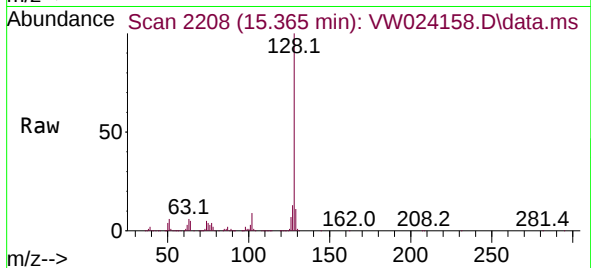
Tgt Ion:128 Resp: 572992

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.989 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024158.D

Acq: 04 Aug 2022 10:35

Tgt Ion:180 Resp: 254985

Ion Ratio Lower Upper

180 100

182 90.0 75.4 113.2

145 33.5 26.9 40.3

