

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024864.D
 Acq On : 12 Oct 2022 10:52
 Operator : SY/VA
 Sample : VSTD00556
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005456

Quant Time: Oct 12 22:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	432243	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	392616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	190060	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27442	5.381	ug/L	0.00
7) Chloroethane-d5	2.879	69	15293	5.122	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	56709	5.115	ug/L	0.00
21) 2-Butanone-d5	7.086	46	17860	11.054	ug/L	0.01
24) Chloroform-d	7.647	84	65868	5.403	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	34951	5.478	ug/L	0.00
32) Benzene-d6	8.275	84	131612	5.346	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	40055	5.304	ug/L	0.00
41) Toluene-d8	10.323	98	119918	5.427	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	14599	5.098	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	13046	10.305	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31890	5.415	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	36420	5.244	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	6645	3.385	ug/L	94
3) Chloromethane	2.215	50	19443	4.317	ug/L	98
5) Vinyl chloride	2.361	62	28113	4.575	ug/L	96
6) Bromomethane	2.770	94	13662	4.578	ug/L	98
8) Chloroethane	2.916	64	11635	4.544	ug/L	99
9) Trichlorofluoromethane	3.251	101	13661	4.494	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	30018	4.850	ug/L	97
12) 1,1-Dichloroethene	4.038	96	27538	4.703	ug/L	98
13) Acetone	4.123	43	11771	10.604	ug/L	90
14) Carbon disulfide	4.385	76	81261	4.248	ug/L	100
15) Methyl Acetate	4.672	43	13542	4.971	ug/L	98
16) Methylene chloride	4.915	84	36761	4.817	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	29800	4.675	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	45423	4.795	ug/L	100
19) 1,1-Dichloroethane	6.208	63	56644	4.803	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	32795	4.763	ug/L	96
22) 2-Butanone	7.177	43	20246	10.734	ug/L	95
23) Bromochloromethane	7.506	128	13137	4.662	ug/L	95
25) Chloroform	7.677	83	56743	4.902	ug/L	97
27) 1,2-Dichloroethane	8.403	62	36803	4.916	ug/L	95
29) Cyclohexane	7.958	56	53052	4.653	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	43557	4.824	ug/L	100
31) Carbon tetrachloride	8.067	117	37774	4.765	ug/L	98
33) Benzene	8.323	78	133193	4.987	ug/L	100
34) Trichloroethene	9.092	95	32853	4.884	ug/L	96
35) Methylcyclohexane	9.335	83	56748	4.688	ug/L	99
37) 1,2-Dichloropropane	9.366	63	32555	4.891	ug/L	99
38) Bromodichloromethane	9.646	83	40554	4.931	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	43365	4.507	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	38374	9.753	ug/L	100
42) Toluene	10.384	91	132097	4.824	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	35858	4.489	ug/L	96

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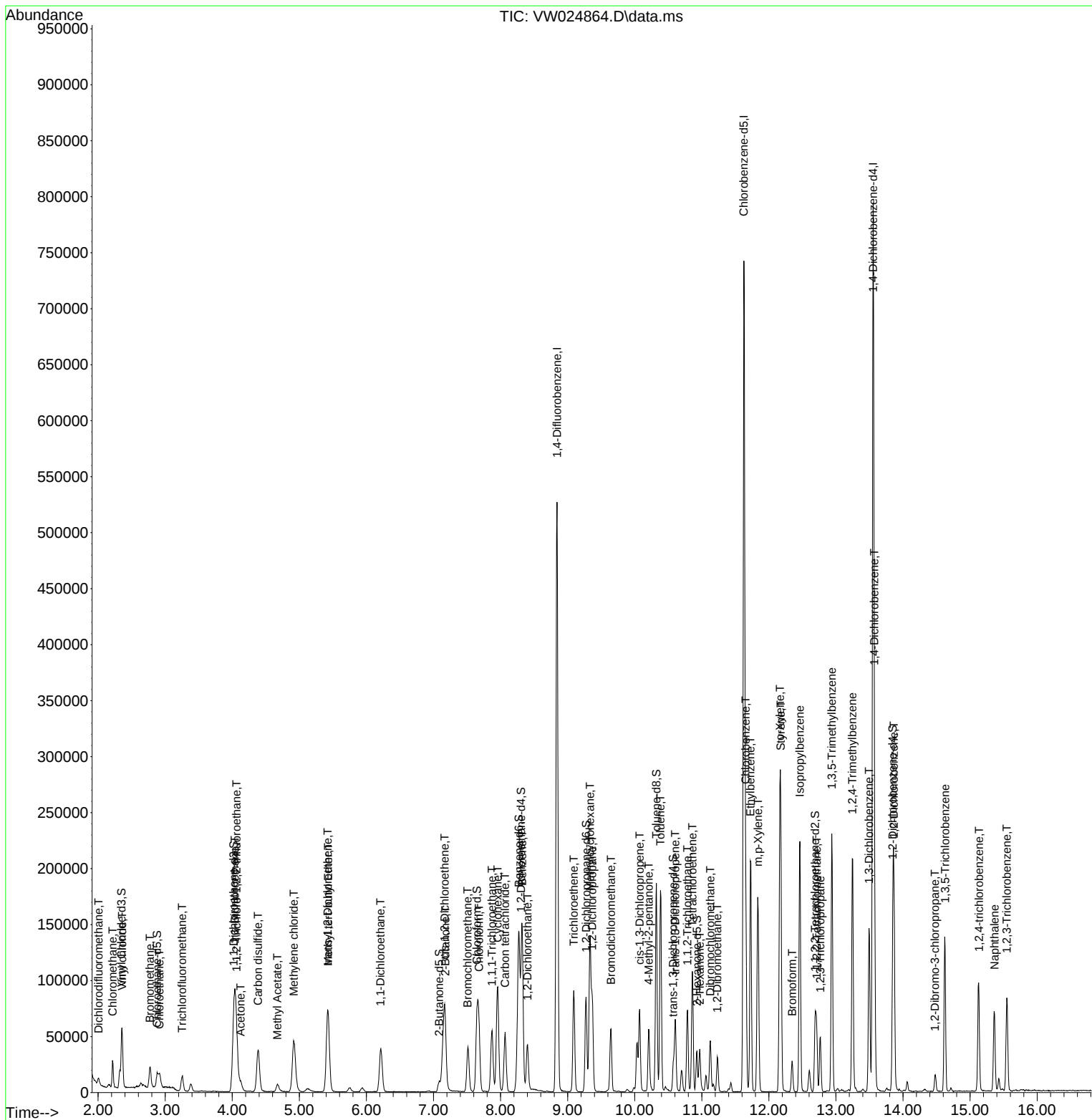
Quant Time: Oct 12 22:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

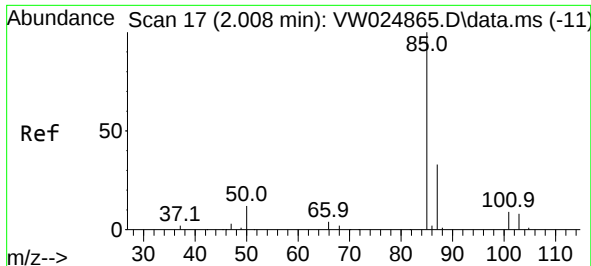
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	22600	4.861	ug/L	91
46) Tetrachloroethene	10.860	164	21640	4.731	ug/L	91
48) 2-Hexanone	10.969	43	24826	9.307	ug/L	97
49) Dibromochloromethane	11.128	129	24113	4.685	ug/L	97
50) 1,2-Dibromoethane	11.231	107	21156	4.830	ug/L #	95
51) Chlorobenzene	11.652	112	83955	4.878	ug/L	99
52) Ethylbenzene	11.725	91	149473	4.874	ug/L	100
53) m,p-Xylene	11.841	106	56379	4.839	ug/L	91
54) o-Xylene	12.164	106	52502	4.733	ug/L	99
55) Styrene	12.176	104	89710	4.715	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	28651	5.051	ug/L	95
59) Bromoform	12.347	173	11822	4.649	ug/L #	97
60) Isopropylbenzene	12.463	105	145743	4.754	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	20372	4.875	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	123249	4.682	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	118389	4.665	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	58356	4.674	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	60672	4.801	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	52359	4.718	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	4138	4.574	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	37809	4.638	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	28986	4.382	ug/L	98
71) Naphthalene	15.365	128	61982	4.325	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	25854	4.580	ug/L	98

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

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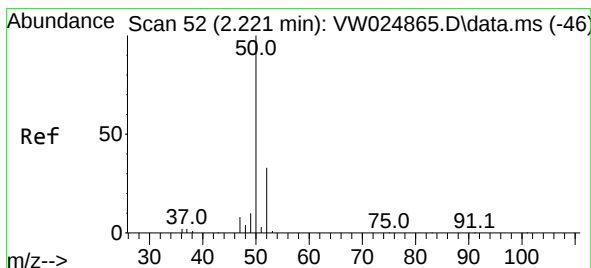
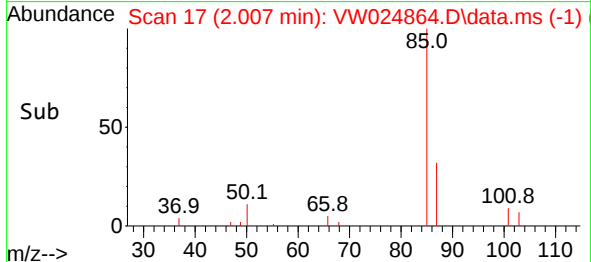
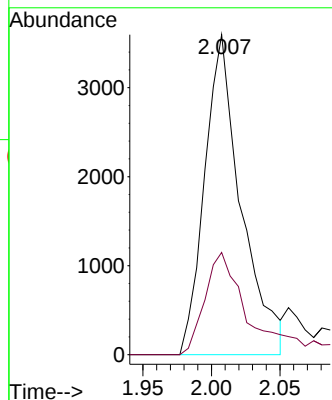
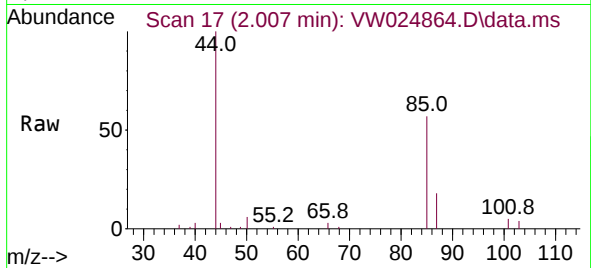




#2
 Dichlorodifluoromethane
 Concen: 3.385 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

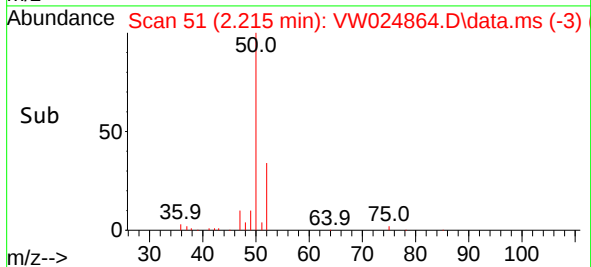
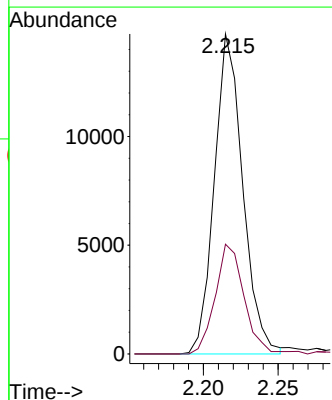
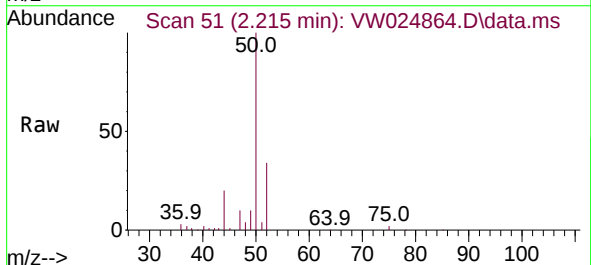
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005456

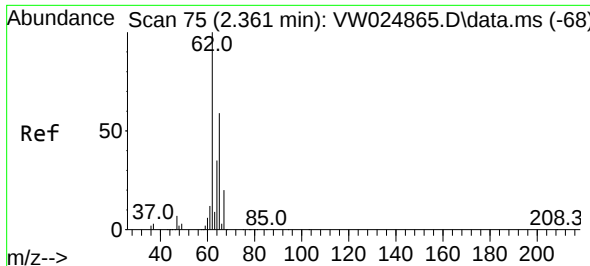
Tgt Ion: 85 Resp: 6645
 Ion Ratio Lower Upper
 85 100
 87 37.1 26.8 40.2



#3
 Chloromethane
 Concen: 4.317 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

Tgt Ion: 50 Resp: 19443
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.1 42.9

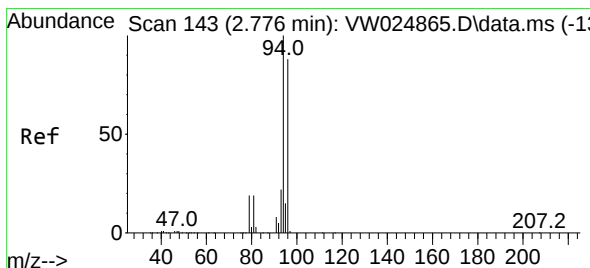
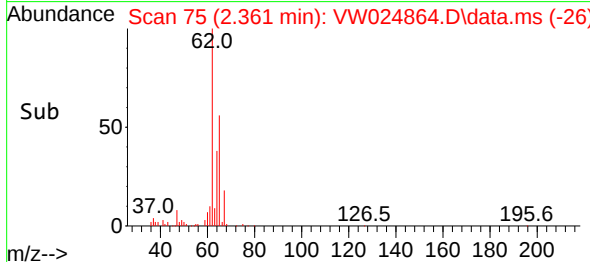
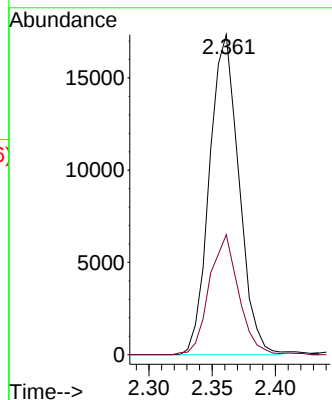
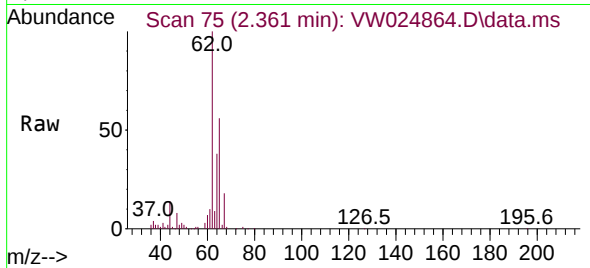




#5
 Vinyl chloride
 Concen: 4.575 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

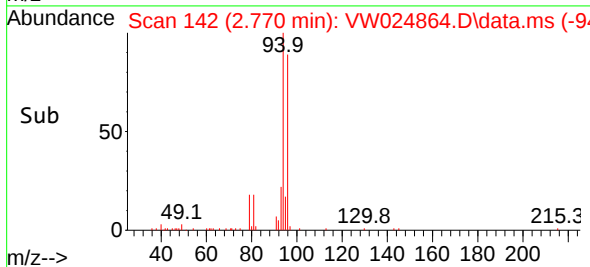
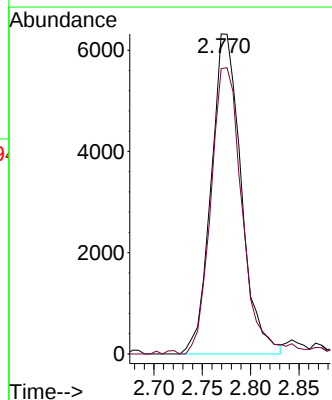
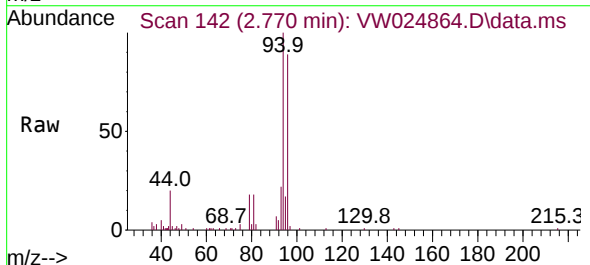
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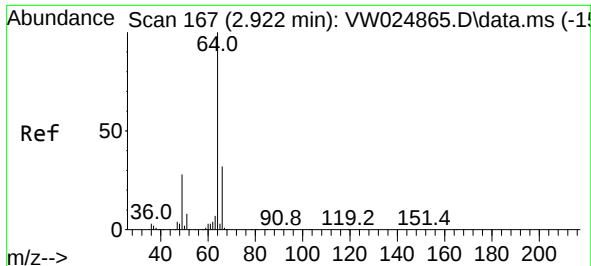
Tgt Ion: 62 Resp: 28113
 Ion Ratio Lower Upper
 62 100
 64 37.5 24.7 45.9



#6
 Bromomethane
 Concen: 4.578 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

Tgt Ion: 94 Resp: 13662
 Ion Ratio Lower Upper
 94 100
 96 89.2 61.4 114.0

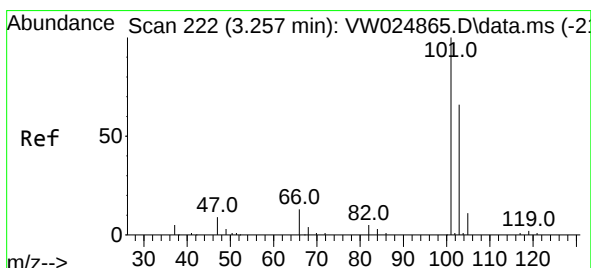
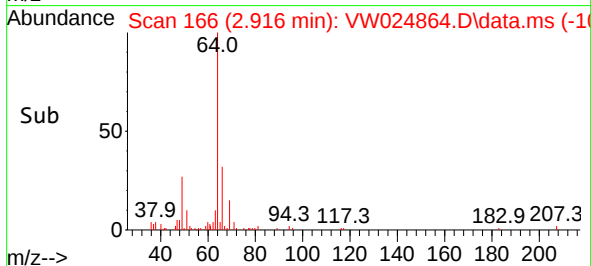
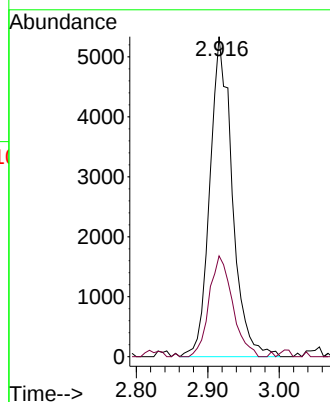
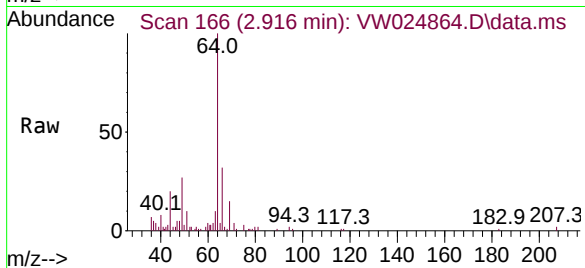




#8
Chloroethane
Concen: 4.544 ug/L
RT: 2.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

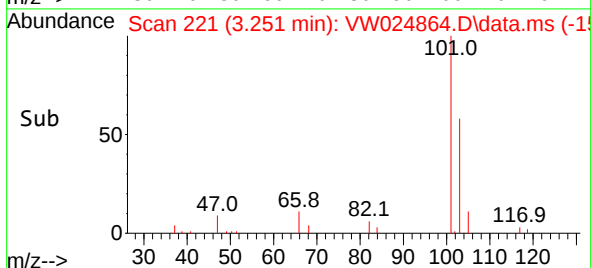
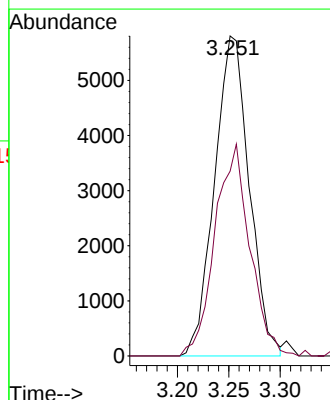
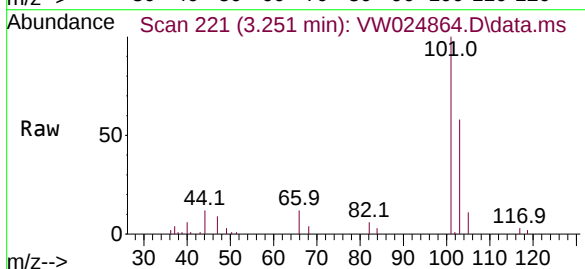
Instrument :
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ClientSampleId :
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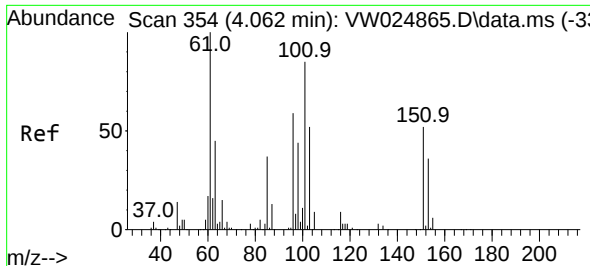
Tgt Ion: 64 Resp: 11635
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.494 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 101 Resp: 13661
Ion Ratio Lower Upper
101 100
103 66.3 52.9 79.3

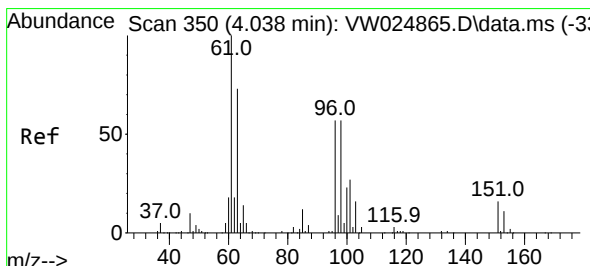
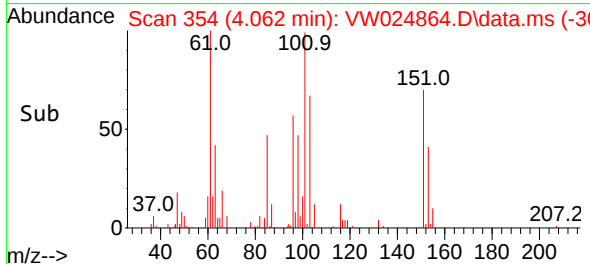
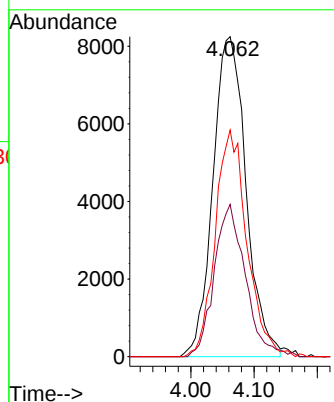
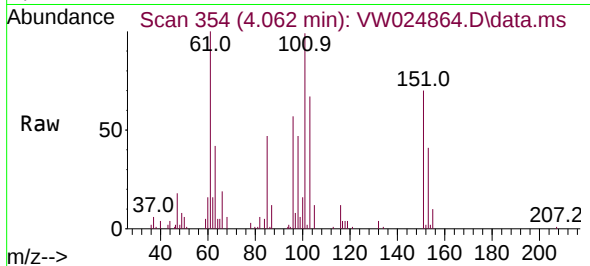




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.850 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

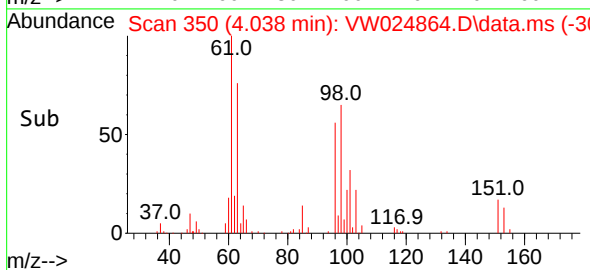
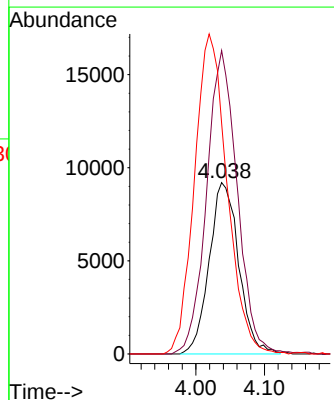
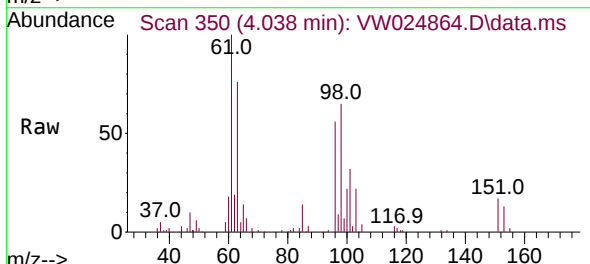
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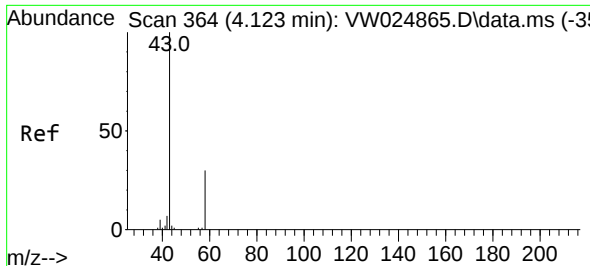
Tgt Ion:	101	Resp:	30018
Ion	Ratio	Lower	Upper
101	100		
85	44.5	33.6	50.4
151	67.3	52.0	78.0



#12
 1,1-Dichloroethene
 Concen: 4.703 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

Tgt Ion:	96	Resp:	27538
Ion	Ratio	Lower	Upper
96	100		
61	177.1	122.4	227.2
63	134.5	92.1	171.1





#13

Acetone

Concen: 10.604 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

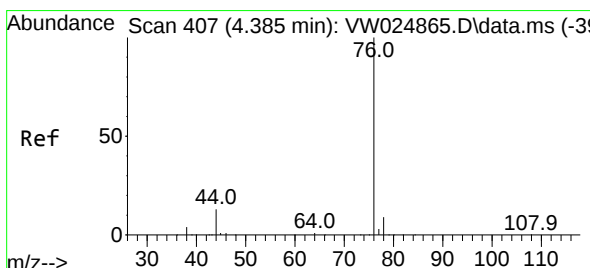
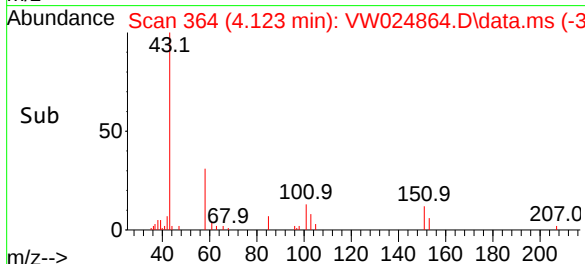
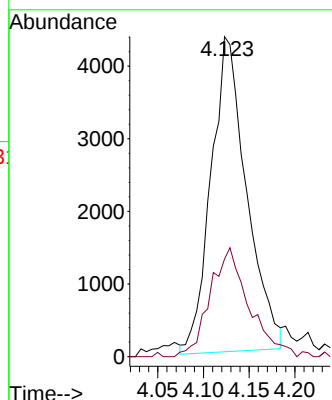
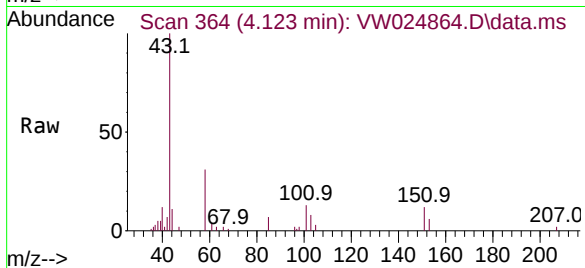
VSTD005456

Tgt Ion: 43 Resp: 11771

Ion Ratio Lower Upper

43 100

58 37.8 0.0 64.2



#14

Carbon disulfide

Concen: 4.248 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW024864.D

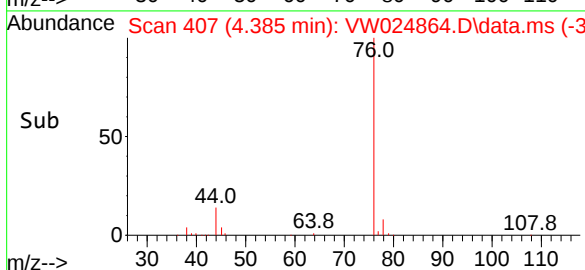
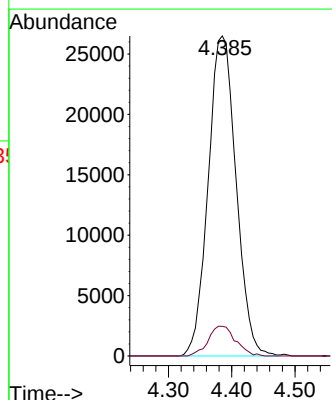
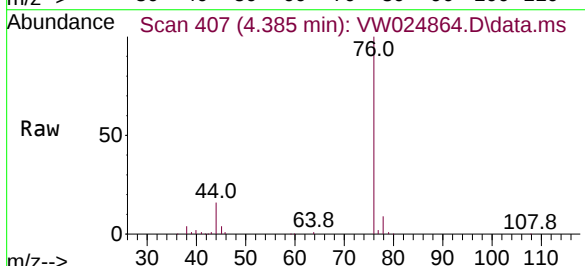
Acq: 12 Oct 2022 10:52

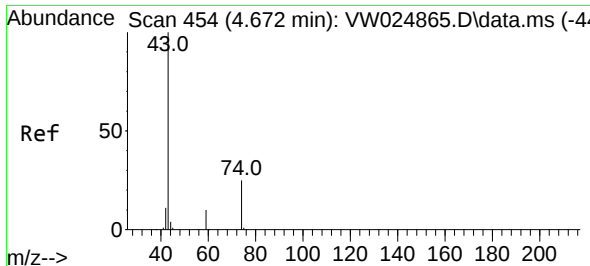
Tgt Ion: 76 Resp: 81261

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

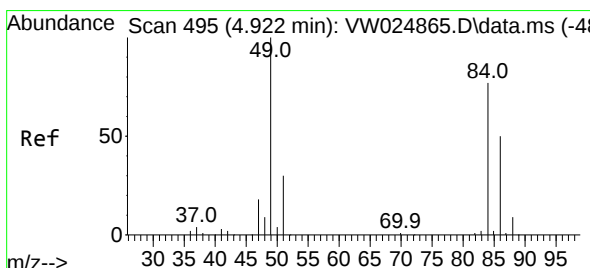
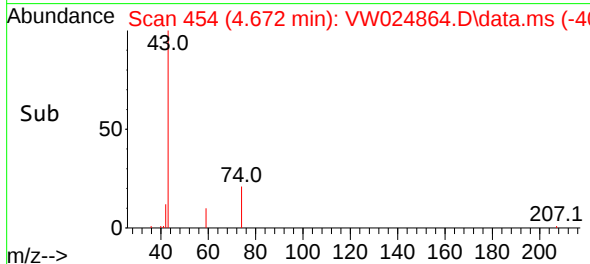
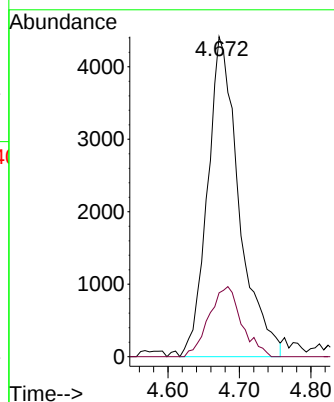
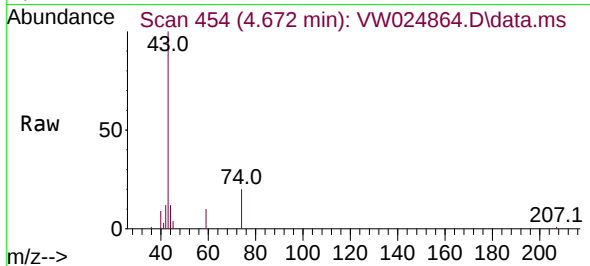




#15
Methyl Acetate
Concen: 4.971 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

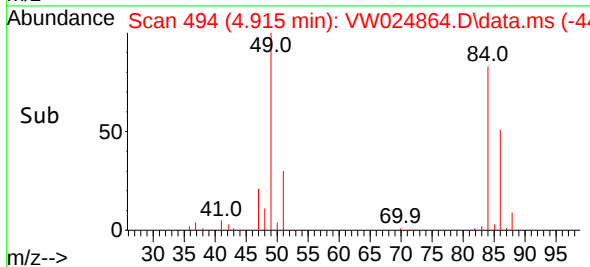
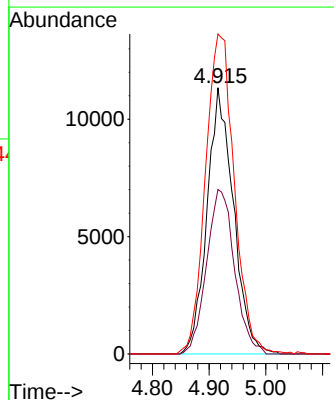
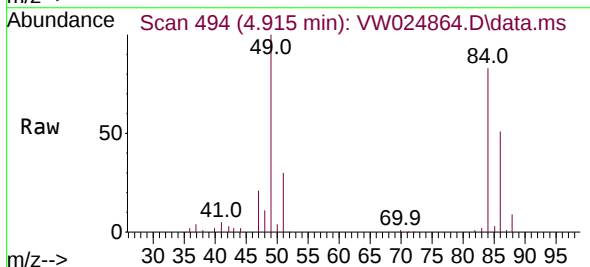
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

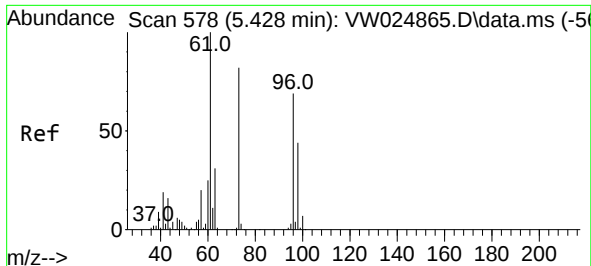
Tgt Ion: 43 Resp: 13542
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.6



#16
Methylene chloride
Concen: 4.817 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 84 Resp: 36761
Ion Ratio Lower Upper
84 100
86 61.8 45.5 84.5
49 120.2 90.9 168.9





#17

trans-1,2-Dichloroethene

Concen: 4.675 ug/L

RT: 5.421 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005456

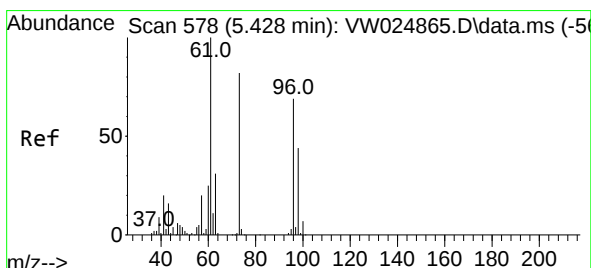
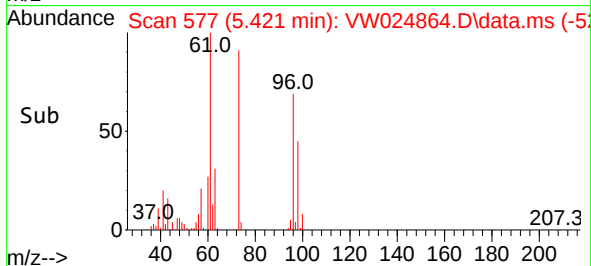
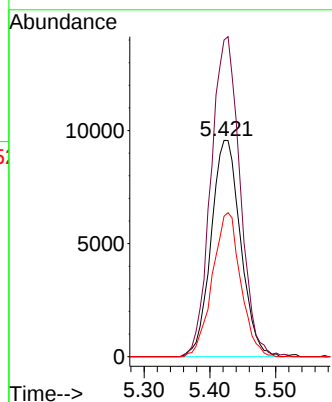
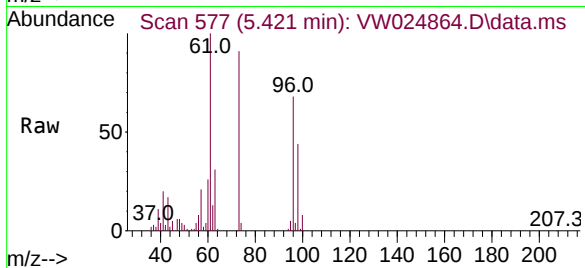
Tgt Ion: 96 Resp: 29800

Ion Ratio Lower Upper

96 100

61 146.4 102.2 189.8

98 65.0 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 4.795 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

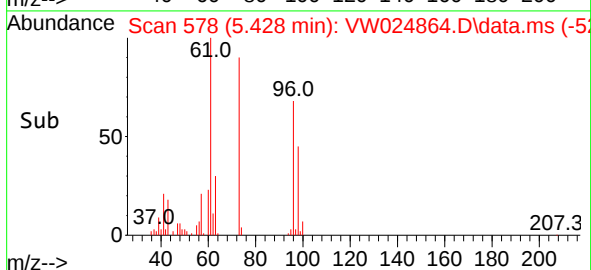
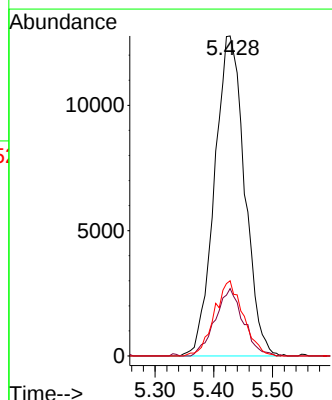
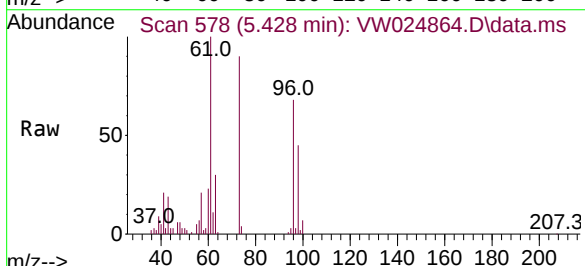
Tgt Ion: 73 Resp: 45423

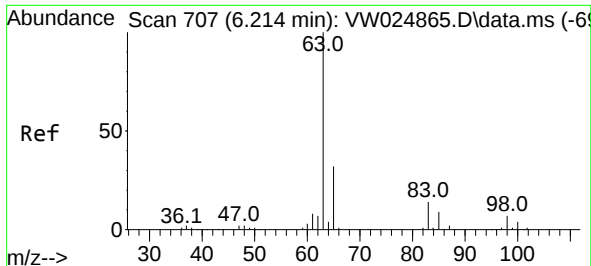
Ion Ratio Lower Upper

73 100

43 19.7 15.8 23.6

57 22.5 18.2 27.4





#19

1,1-Dichloroethane

Concen: 4.803 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005456

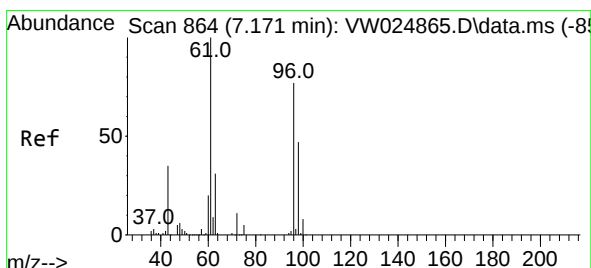
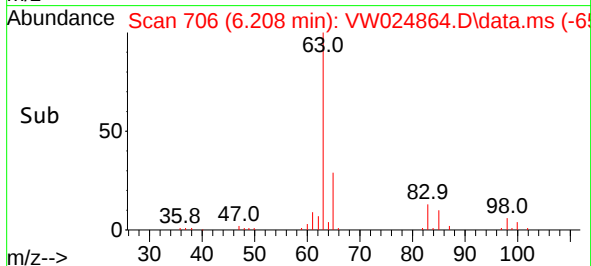
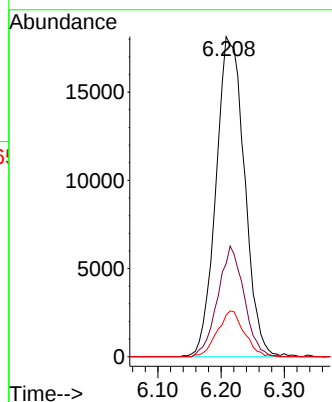
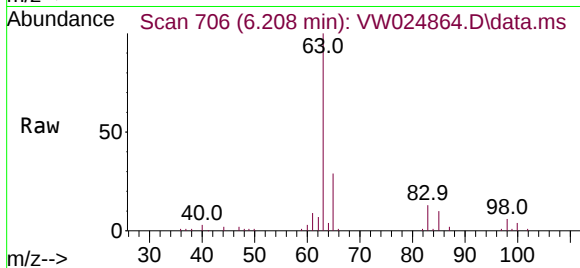
Tgt Ion: 63 Resp: 56644

Ion Ratio Lower Upper

63 100

65 29.0 22.4 41.6

83 13.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.763 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

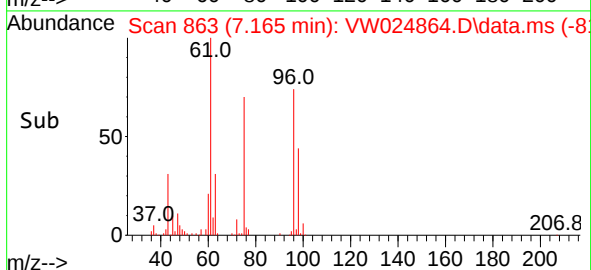
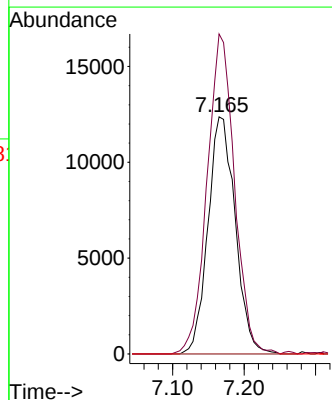
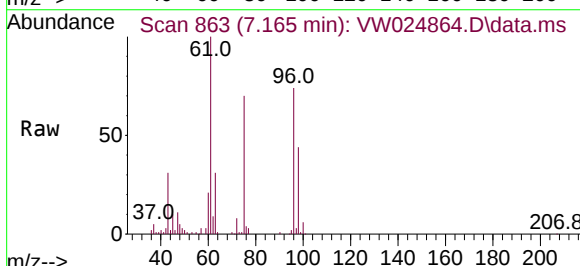
Tgt Ion: 96 Resp: 32795

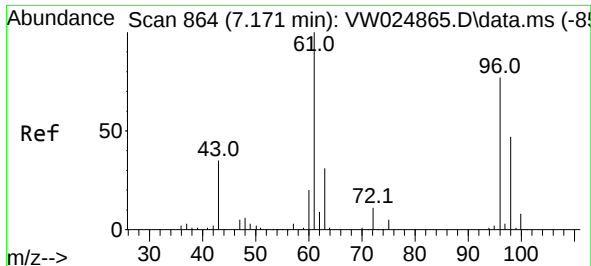
Ion Ratio Lower Upper

96 100

61 135.0 90.9 168.7

68 0.0 0.0 0.0

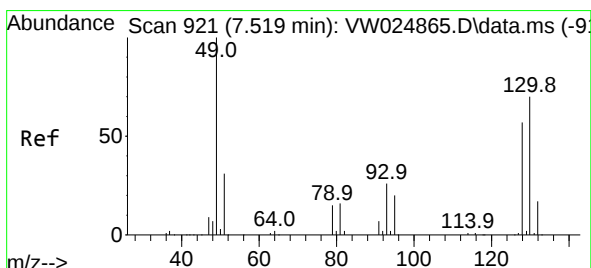
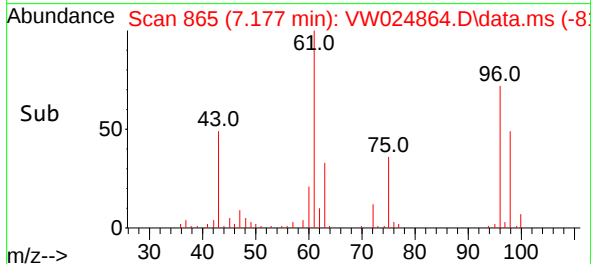
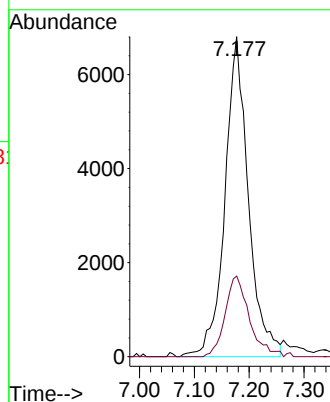
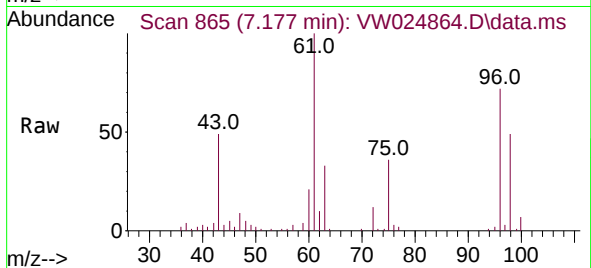




#22
2-Butanone
Concen: 10.734 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

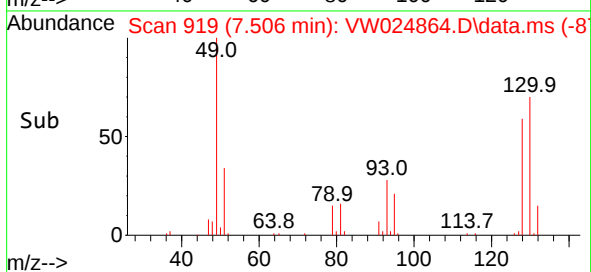
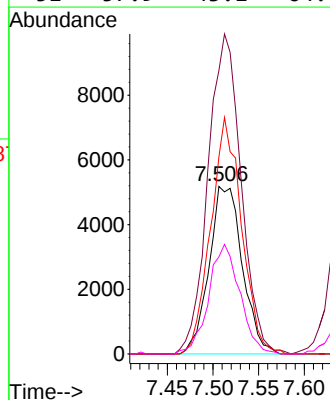
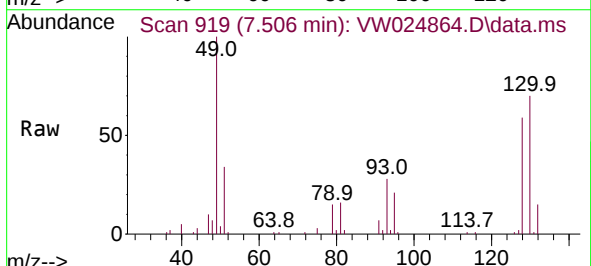
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

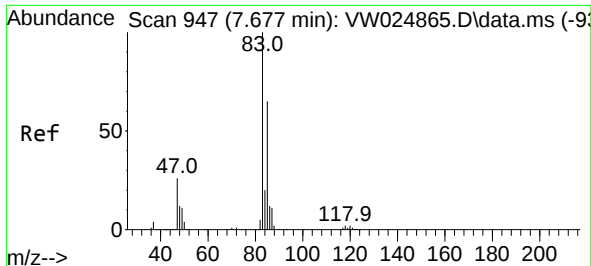
Tgt Ion: 43 Resp: 20246
Ion Ratio Lower Upper
43 100
72 25.4 14.1 42.3



#23
Bromochloromethane
Concen: 4.662 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.012 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 128 Resp: 13137
Ion Ratio Lower Upper
128 100
49 169.3 122.7 227.9
130 117.8 86.0 159.8
51 57.9 43.1 64.7

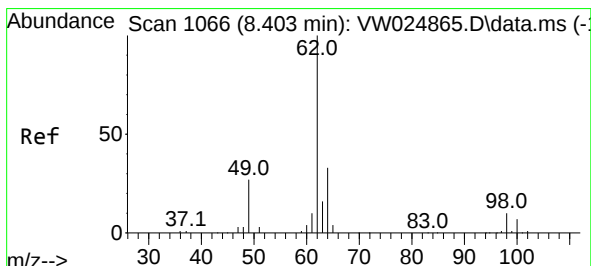
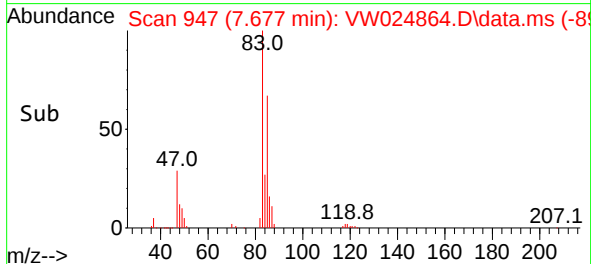
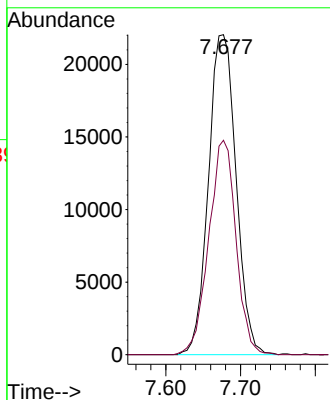
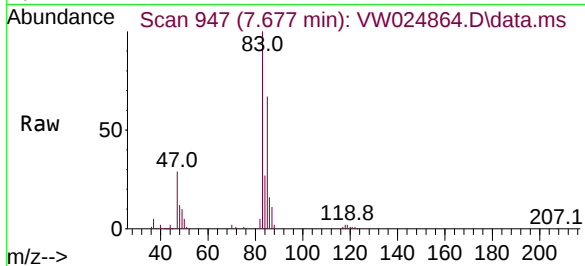




#25
Chloroform
Concen: 4.902 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

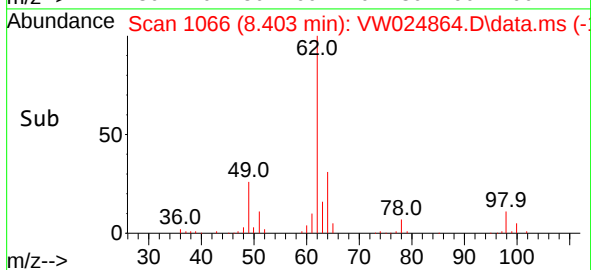
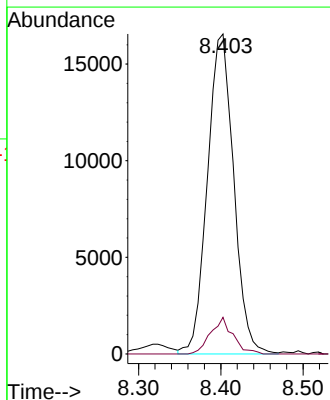
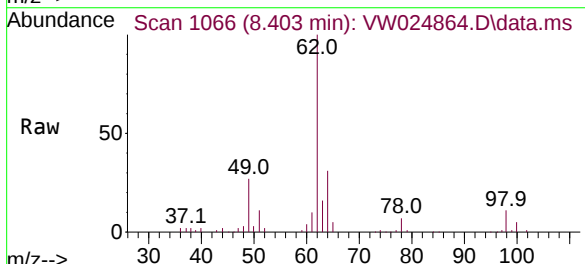
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

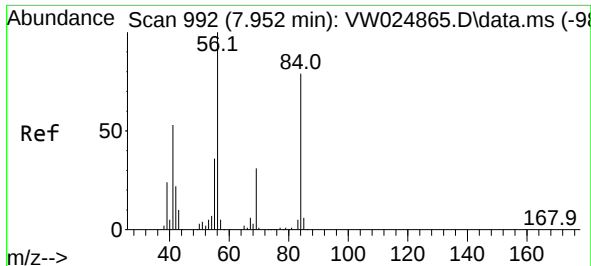
Tgt Ion: 83 Resp: 56743
Ion Ratio Lower Upper
83 100
85 67.0 45.3 84.1



#27
1,2-Dichloroethane
Concen: 4.916 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 62 Resp: 36803
Ion Ratio Lower Upper
62 100
98 11.5 7.8 11.6

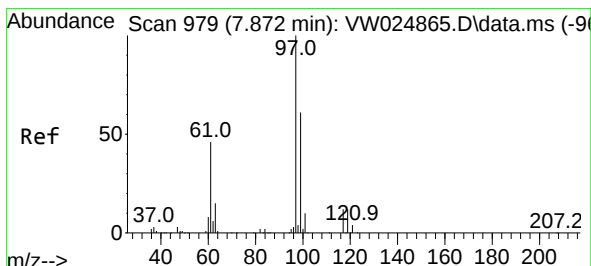
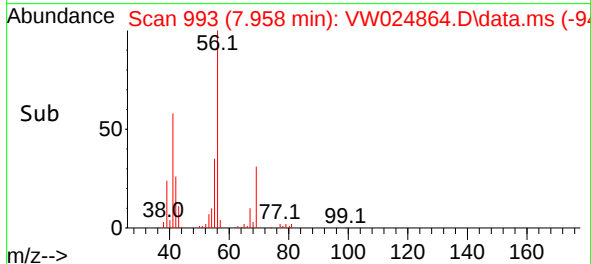
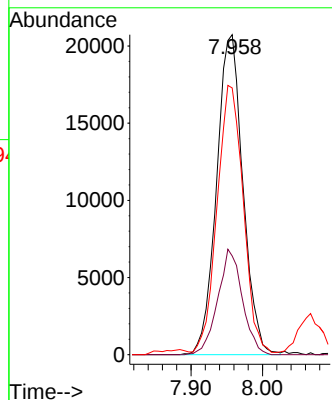
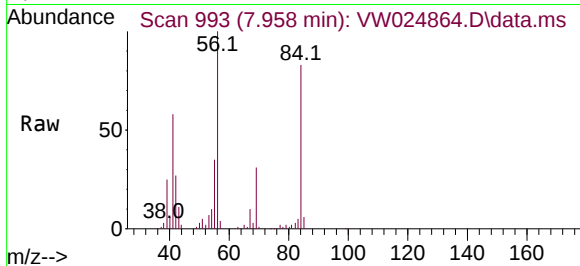




#29
Cyclohexane
Concen: 4.653 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

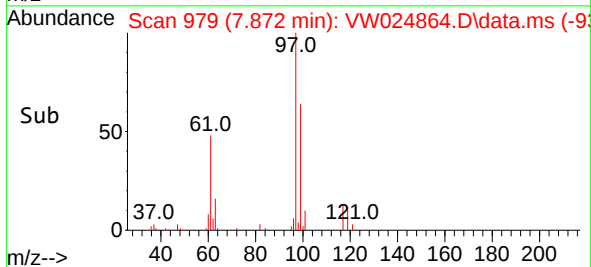
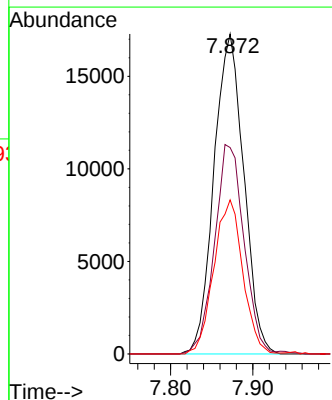
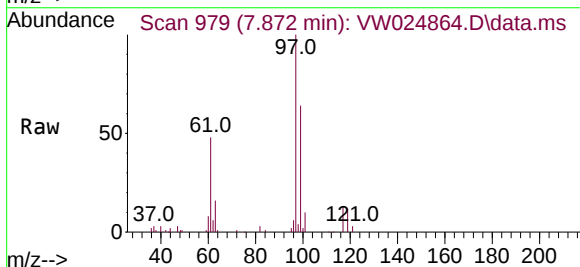
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

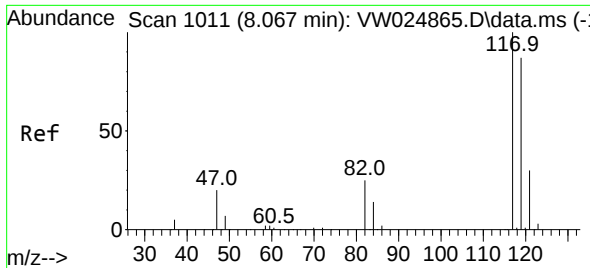
Tgt Ion:	56	Resp:	53052
Ion Ratio	Lower	Upper	
56	100		
69	30.8	24.2	36.2
84	84.1	67.7	101.5



#30
1,1,1-Trichloroethane
Concen: 4.824 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion:	97	Resp:	43557
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.2	76.8
61	46.8	37.3	55.9

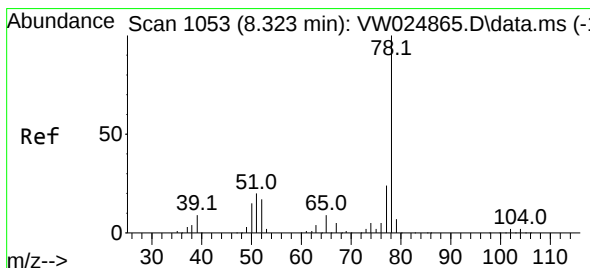
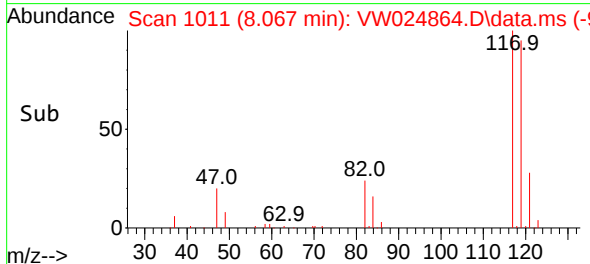
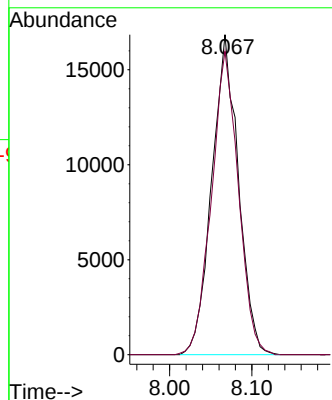
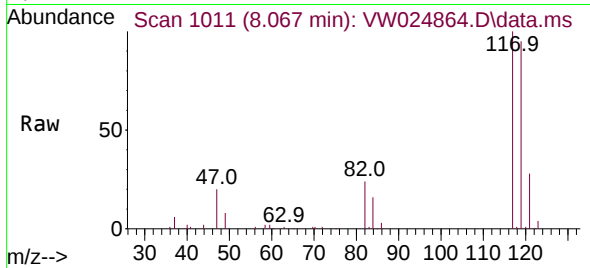




#31
Carbon tetrachloride
Concen: 4.765 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

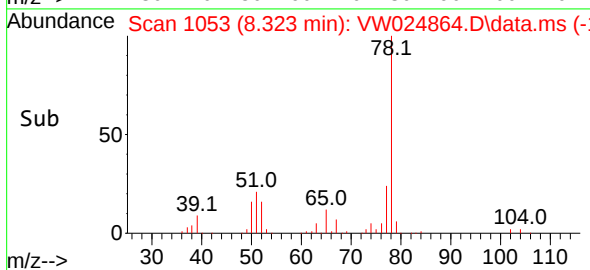
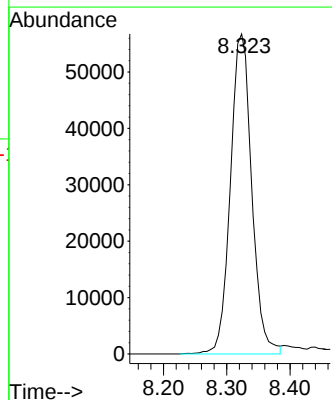
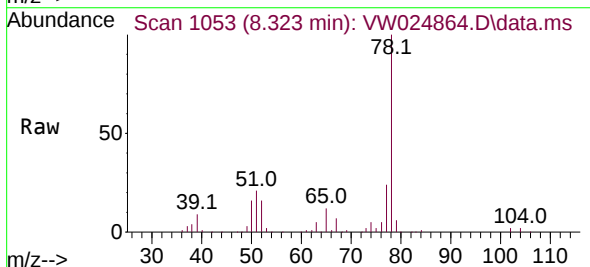
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

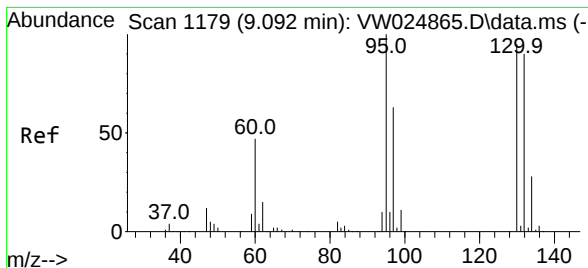
Tgt Ion:117 Resp: 37774
Ion Ratio Lower Upper
117 100
119 96.0 75.1 112.7



#33
Benzene
Concen: 4.987 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 78 Resp: 133193





#34

Trichloroethene

Concen: 4.884 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005456

Tgt Ion: 95 Resp: 32853

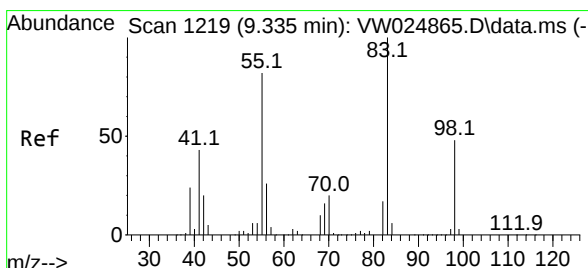
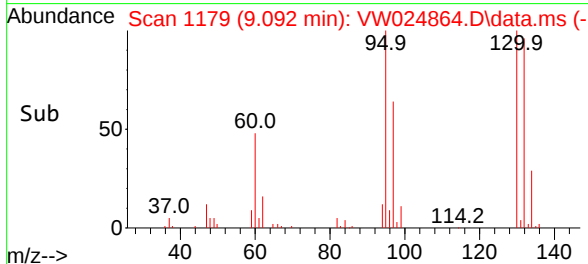
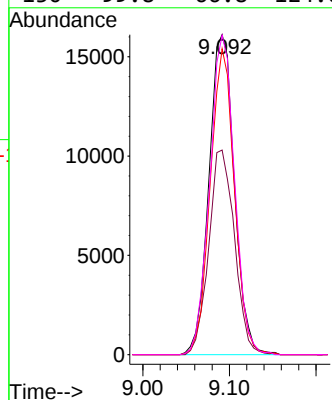
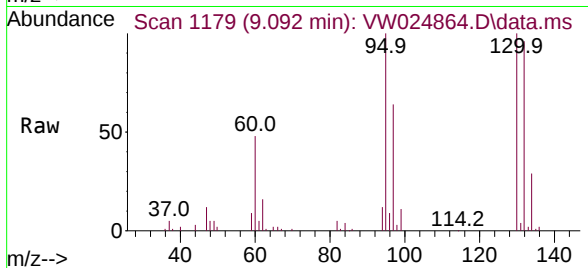
Ion Ratio Lower Upper

95 100

97 63.9 44.2 82.0

132 95.6 62.9 116.7

130 99.8 66.8 124.0



#35

Methylcyclohexane

Concen: 4.688 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

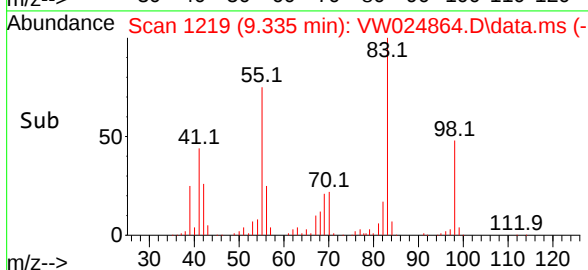
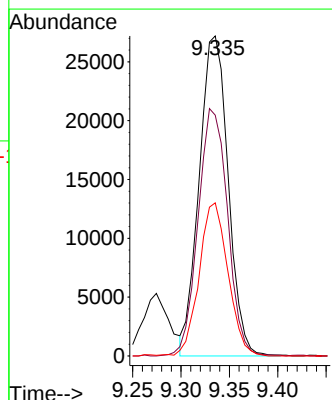
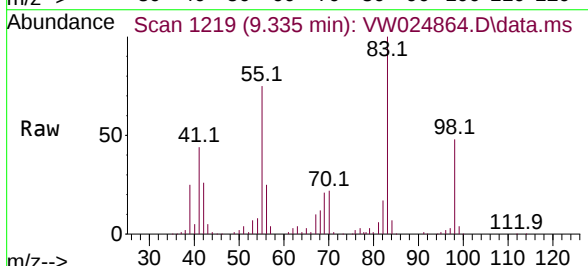
Tgt Ion: 83 Resp: 56748

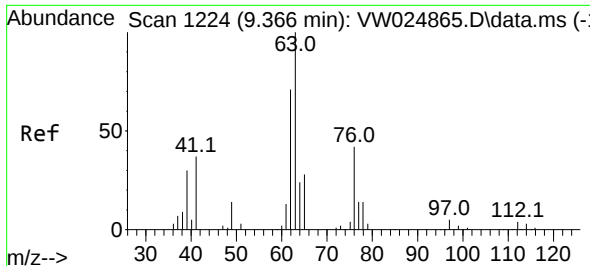
Ion Ratio Lower Upper

83 100

55 78.7 62.5 93.7

98 47.5 37.2 55.8





#37

1,2-Dichloropropane

Concen: 4.891 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

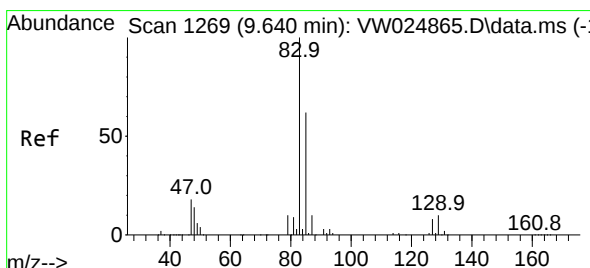
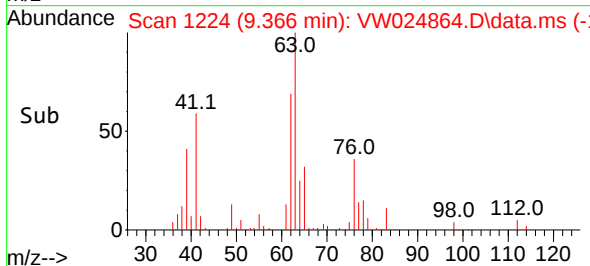
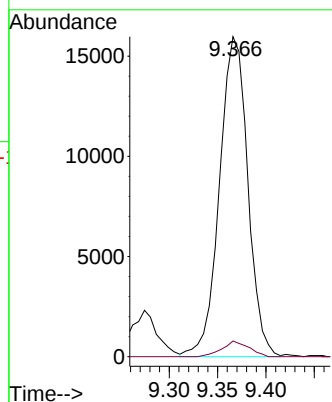
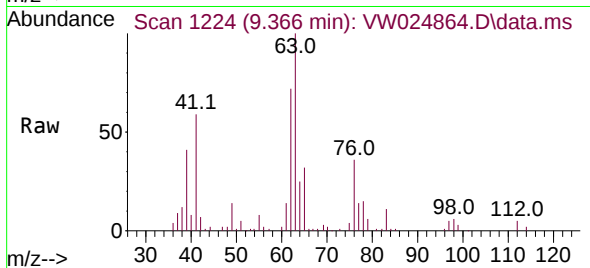
VSTD005456

Tgt Ion: 63 Resp: 32555

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 4.931 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

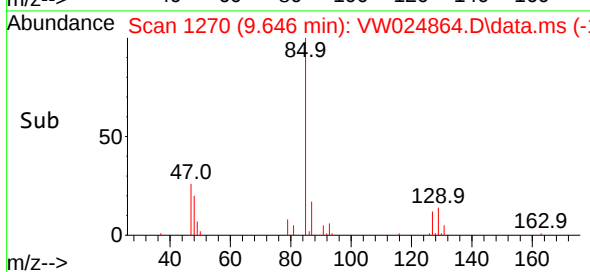
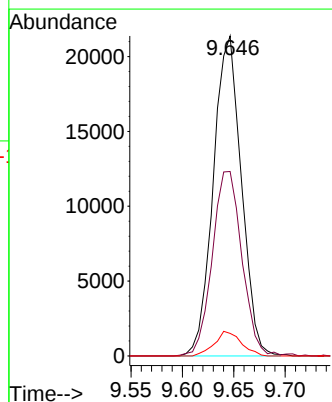
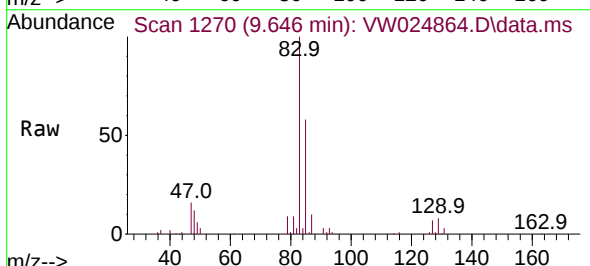
Tgt Ion: 83 Resp: 40554

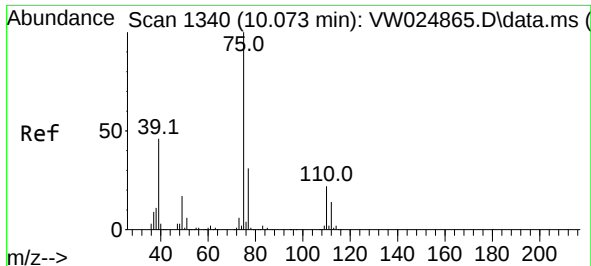
Ion Ratio Lower Upper

83 100

85 57.6 43.6 81.0

127 7.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.507 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

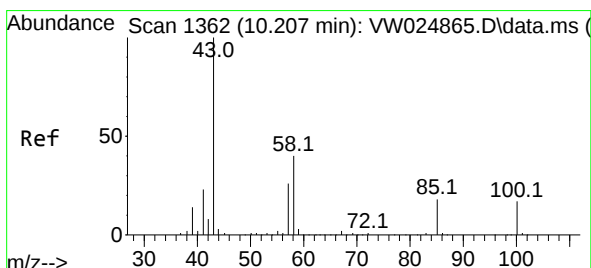
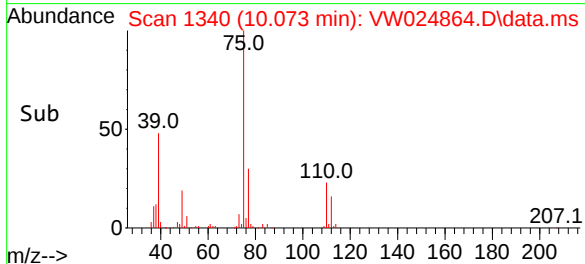
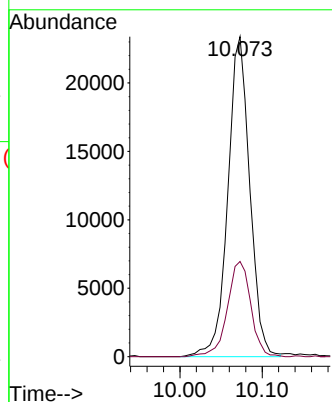
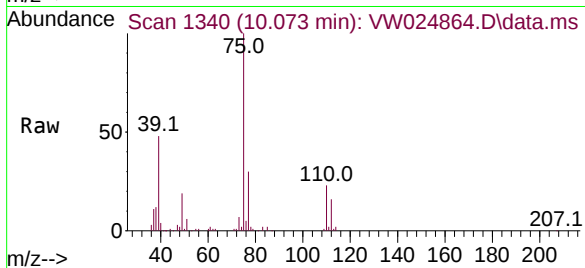
VSTD005456

Tgt Ion: 75 Resp: 43365

Ion Ratio Lower Upper

75 100

77 29.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 9.753 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

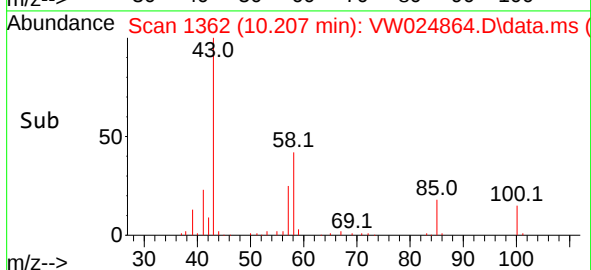
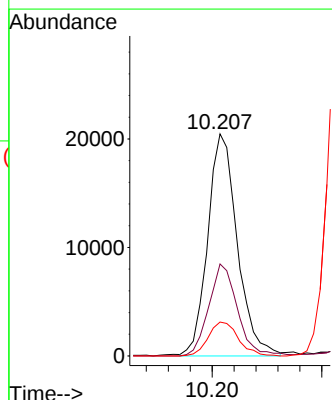
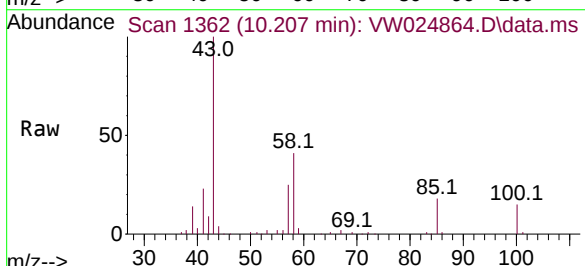
Tgt Ion: 43 Resp: 38374

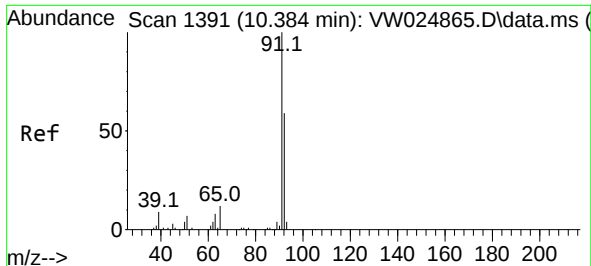
Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1

100 15.6 12.8 19.2

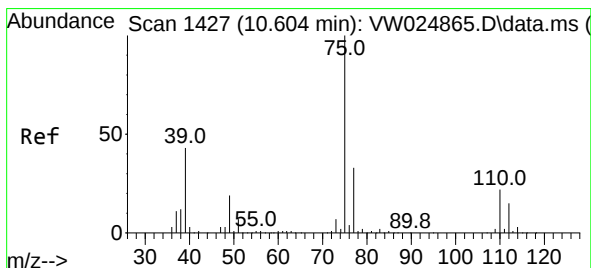
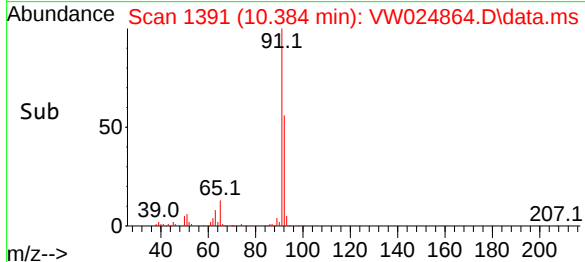
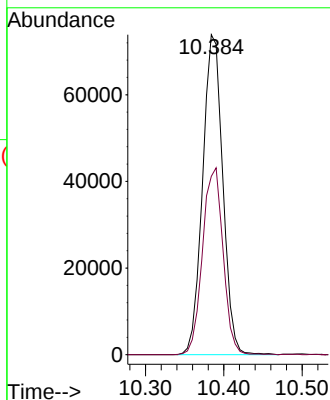
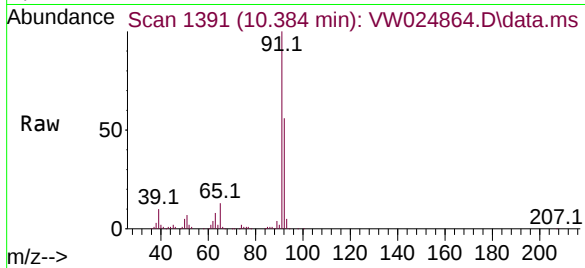




#42
Toluene
Concen: 4.824 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

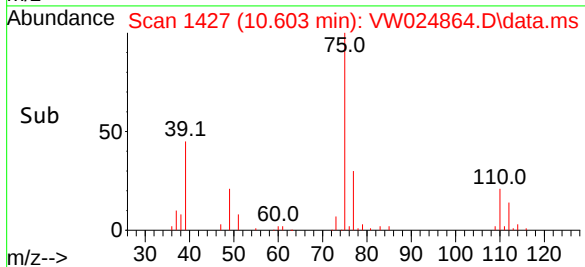
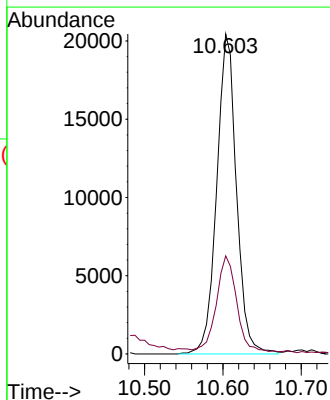
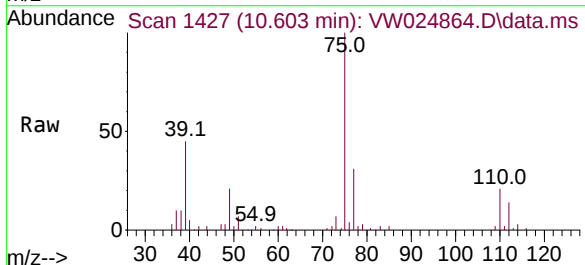
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

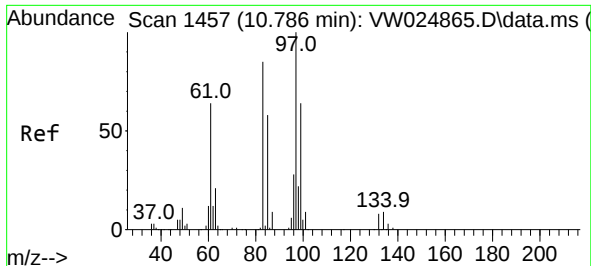
Tgt Ion: 91 Resp: 132097
Ion Ratio Lower Upper
91 100
92 55.8 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 4.489 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 75 Resp: 35858
Ion Ratio Lower Upper
75 100
77 30.6 23.0 42.6

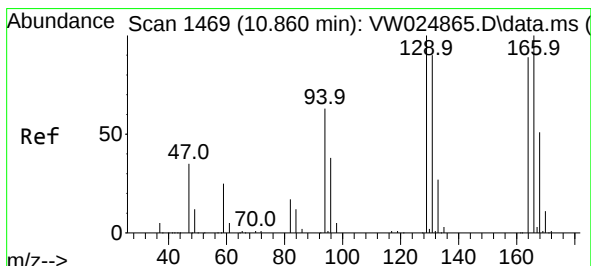
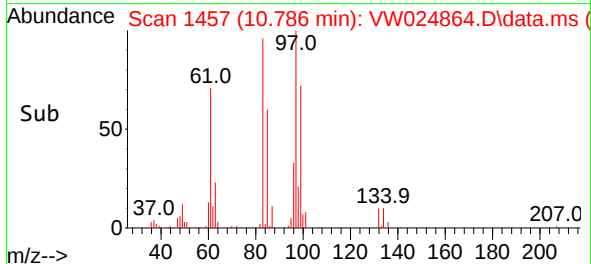
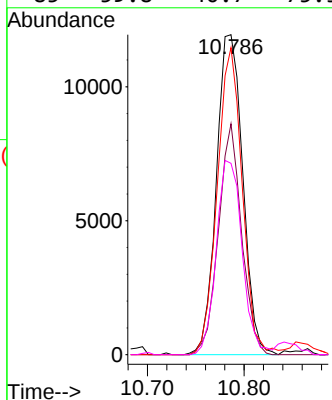
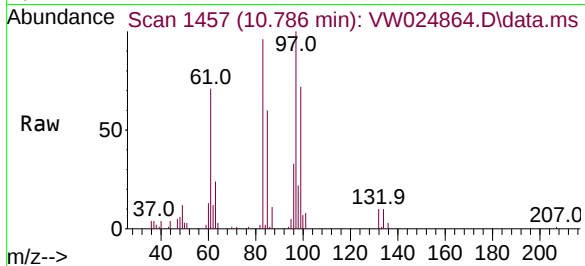




#45
1,1,2-Trichloroethane
Concen: 4.861 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

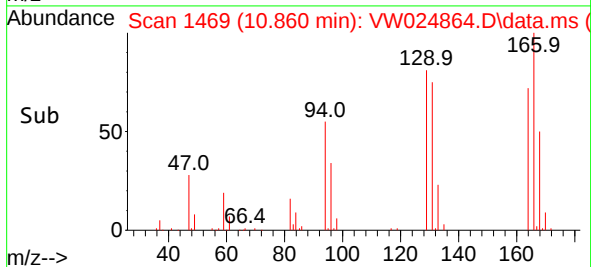
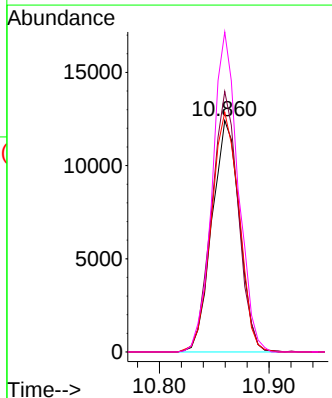
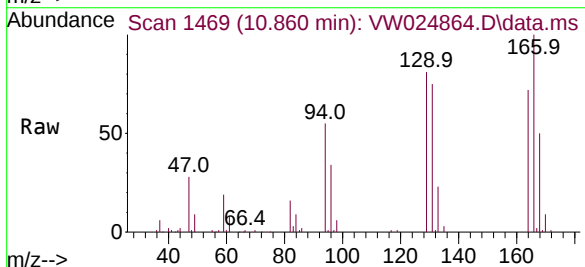
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

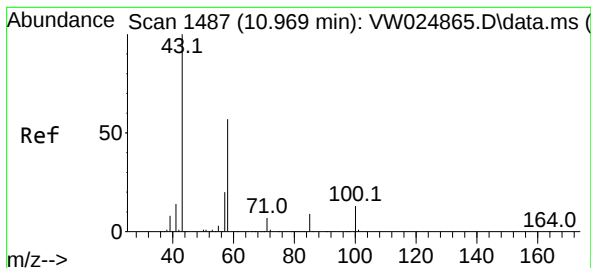
Tgt Ion:	97	Resp:	22600
Ion	Ratio	Lower	Upper
97	100		
99	72.2	44.7	83.1
83	95.9	59.6	110.8
85	59.8	40.7	75.5



#46
Tetrachloroethene
Concen: 4.731 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion:	164	Resp:	21640
Ion	Ratio	Lower	Upper
164	100		
129	112.6	78.7	146.1
131	103.6	71.1	132.1
166	138.3	78.8	146.4





#48

2-Hexanone

Concen: 9.307 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005456

Tgt Ion: 43 Resp: 24826

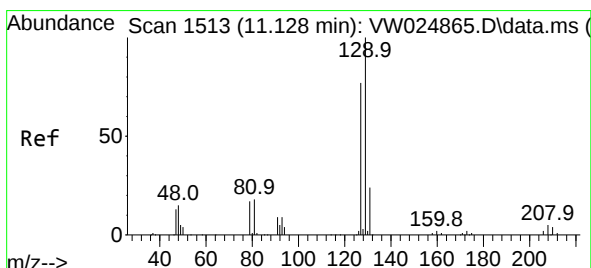
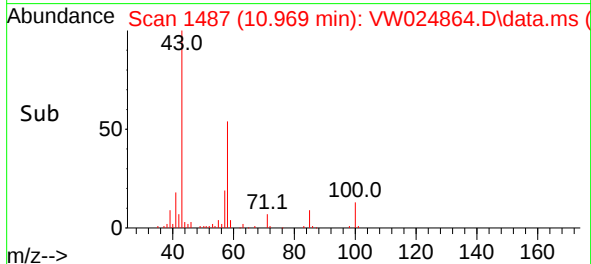
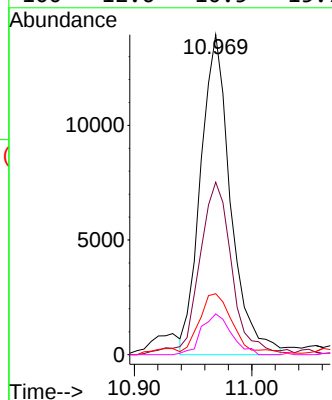
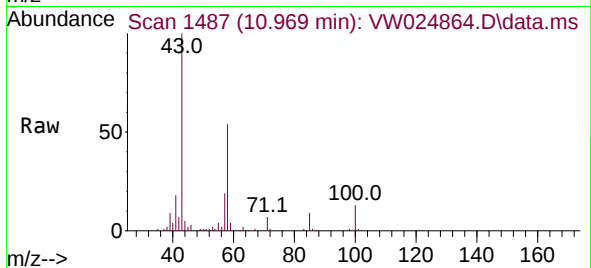
Ion Ratio Lower Upper

43 100

58 56.3 47.0 70.6

57 20.6 16.0 24.0

100 12.6 10.5 15.7



#49

Dibromochloromethane

Concen: 4.685 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024864.D

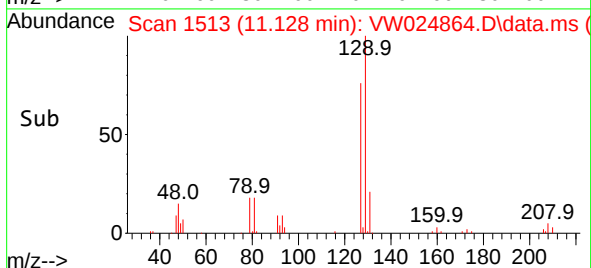
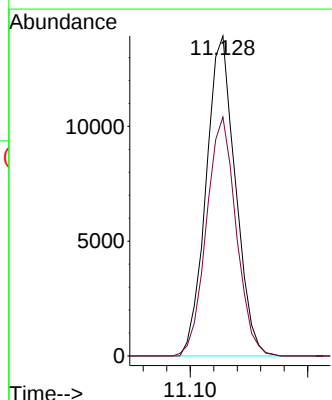
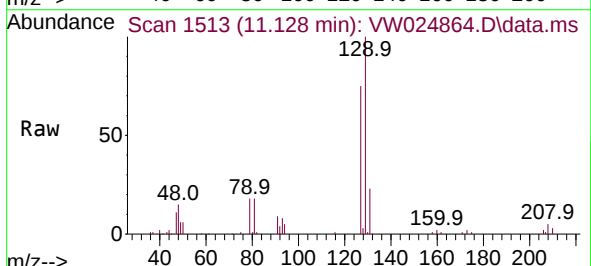
Acq: 12 Oct 2022 10:52

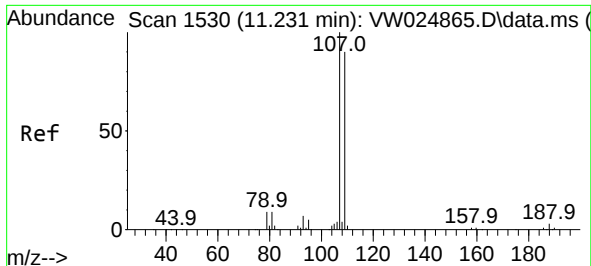
Tgt Ion: 129 Resp: 24113

Ion Ratio Lower Upper

129 100

127 74.6 53.9 100.1

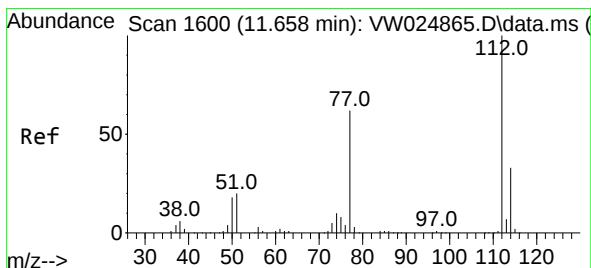
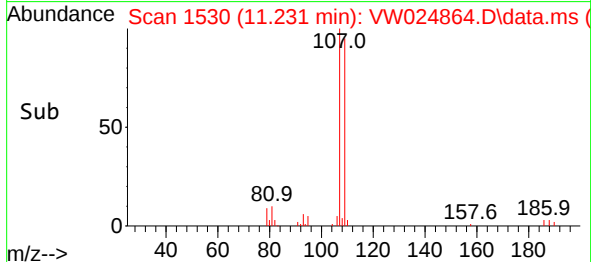
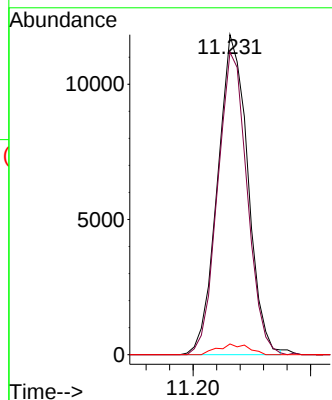
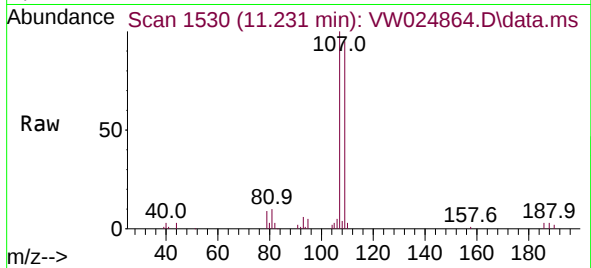




#50
1,2-Dibromoethane
Concen: 4.830 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

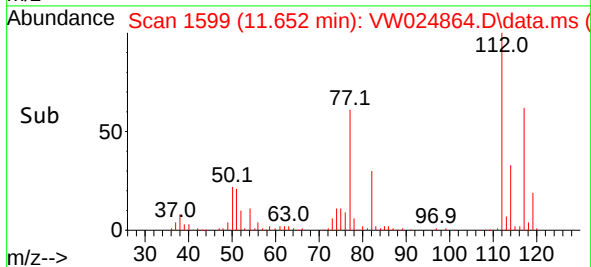
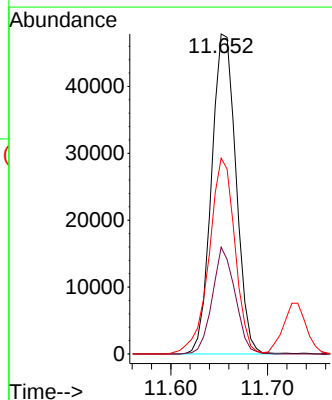
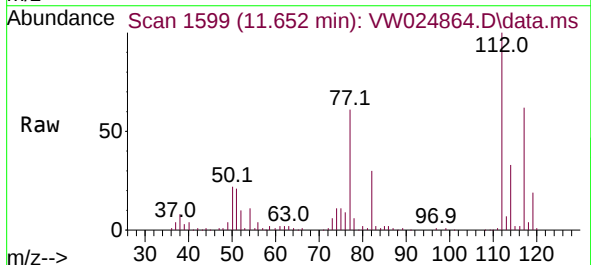
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

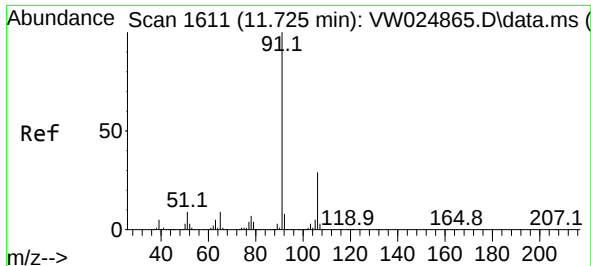
Tgt Ion:	107	Resp:	21156
Ion Ratio	Lower	Upper	
107	100		
109	94.5	62.8	116.6
188	3.4	2.2	3.2#



#51
Chlorobenzene
Concen: 4.878 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion:	112	Resp:	83955
Ion Ratio	Lower	Upper	
112	100		
114	33.3	22.7	42.3
77	61.2	49.8	74.8

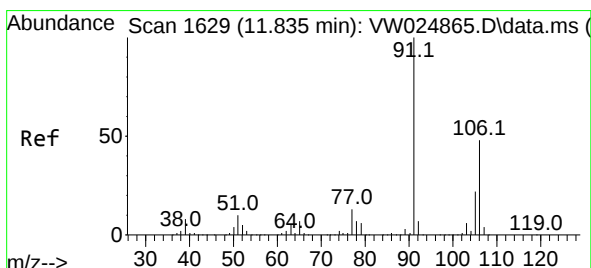
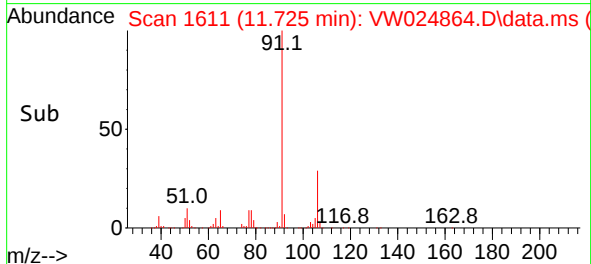
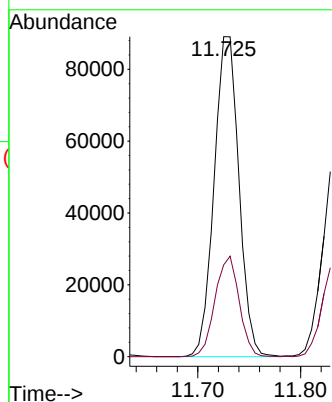
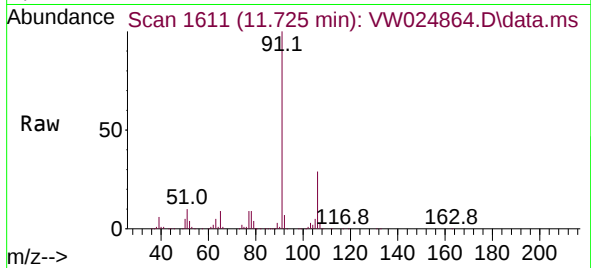




#52
Ethylbenzene
Concen: 4.874 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

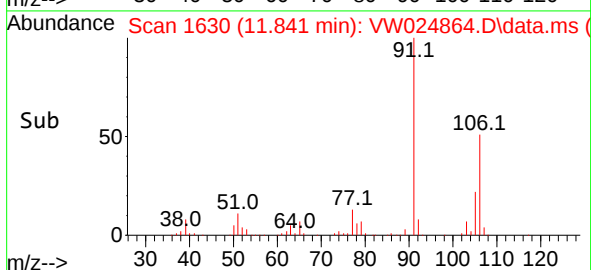
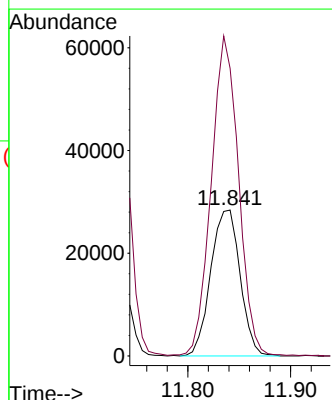
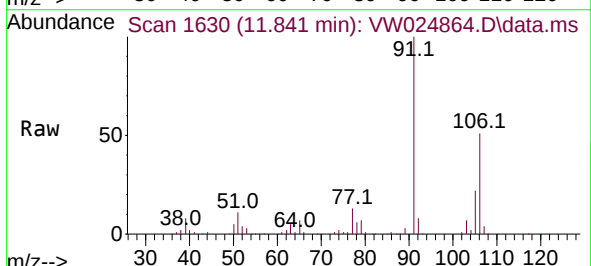
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

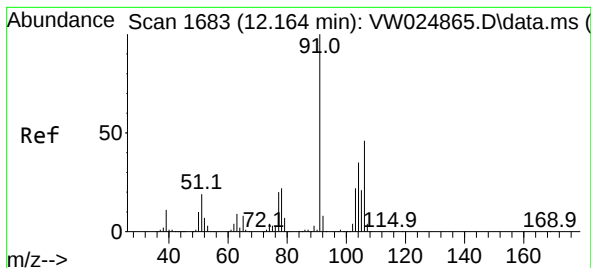
Tgt Ion: 91 Resp: 149473
Ion Ratio Lower Upper
91 100
106 28.7 20.1 37.3



#53
m,p-Xylene
Concen: 4.839 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 106 Resp: 56379
Ion Ratio Lower Upper
106 100
91 197.0 147.4 273.8

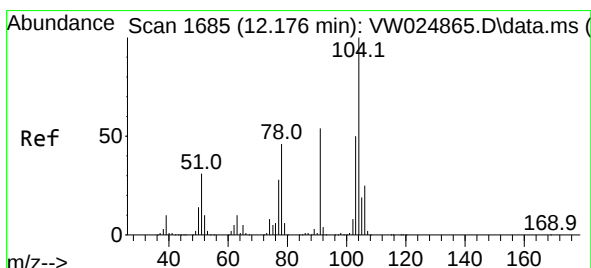
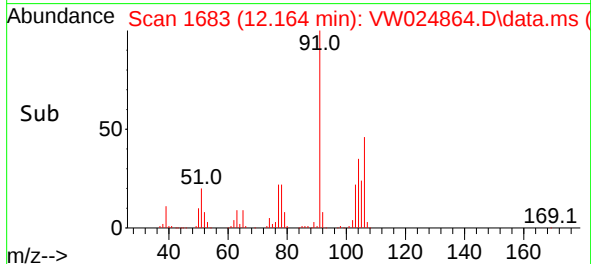
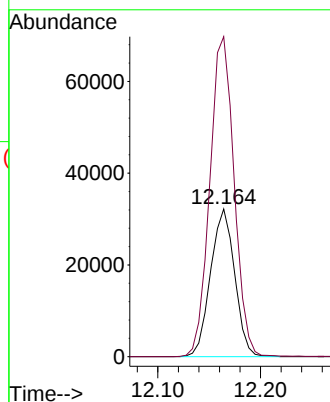
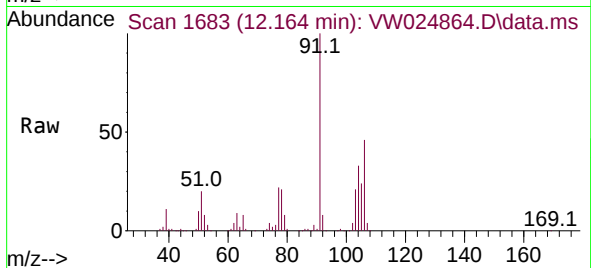




#54
o-Xylene
Concen: 4.733 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

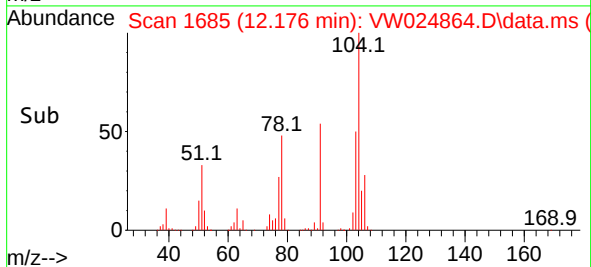
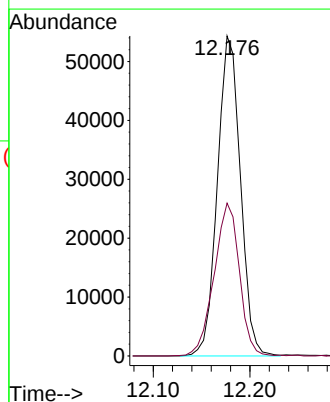
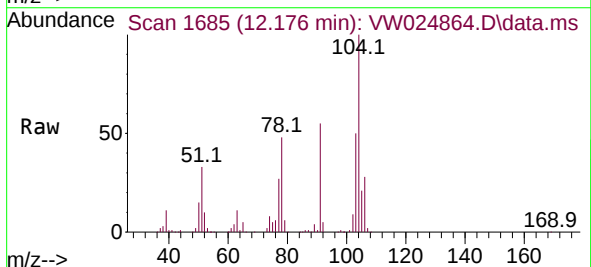
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

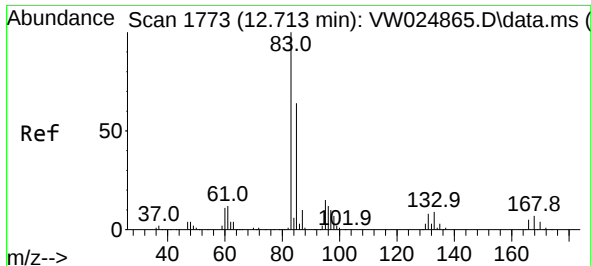
Tgt Ion:106 Resp: 52502
Ion Ratio Lower Upper
106 100
91 216.6 151.0 280.4



#55
Styrene
Concen: 4.715 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion:104 Resp: 89710
Ion Ratio Lower Upper
104 100
78 47.8 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.051 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005456

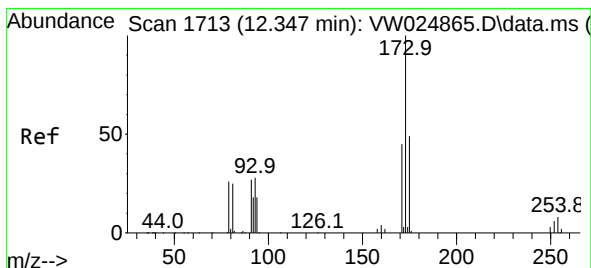
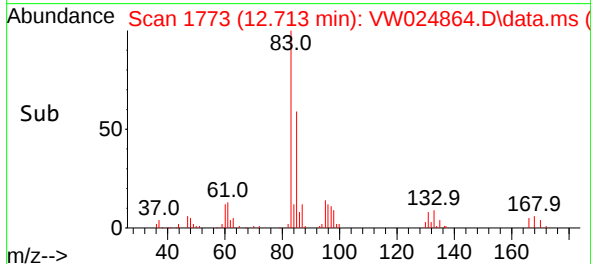
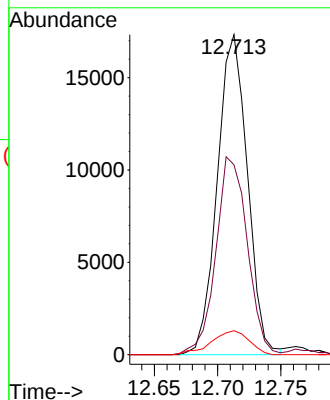
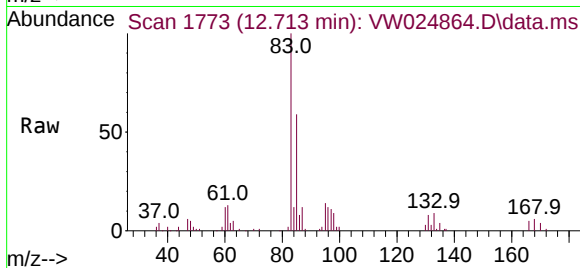
Tgt Ion: 83 Resp: 28651

Ion Ratio Lower Upper

83 100

85 59.4 44.5 82.7

131 7.5 6.8 10.2



#59

Bromoform

Concen: 4.649 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

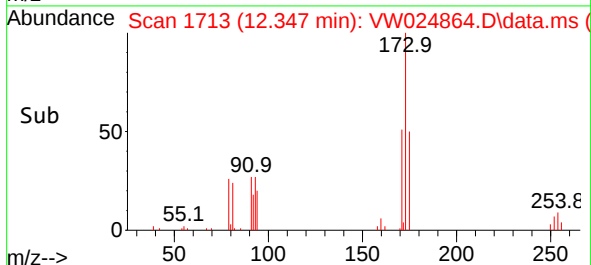
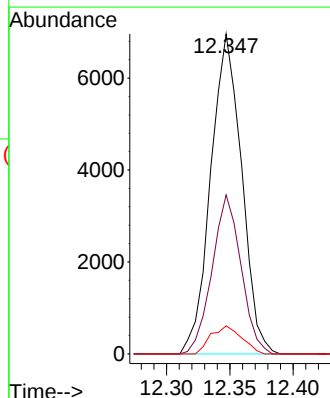
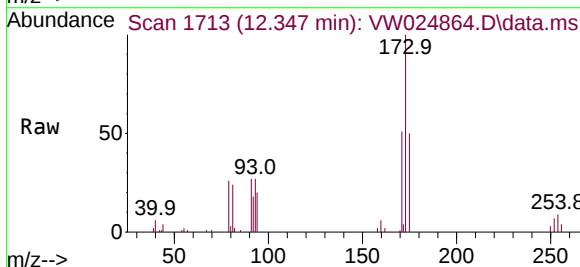
Tgt Ion: 173 Resp: 11822

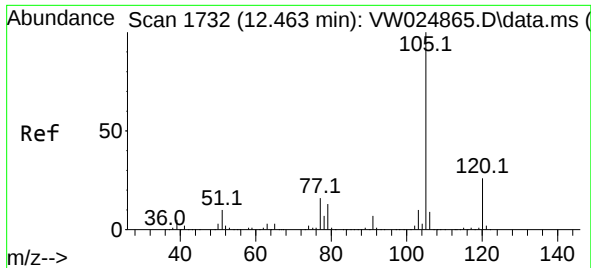
Ion Ratio Lower Upper

173 100

175 46.4 38.6 58.0

254 8.7 4.8 7.2#

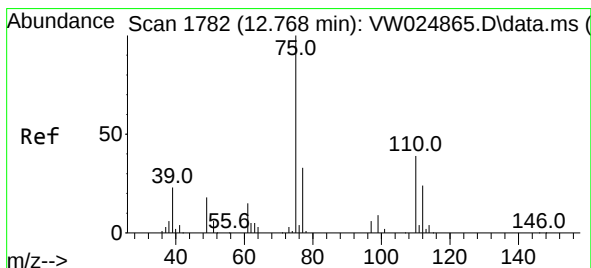
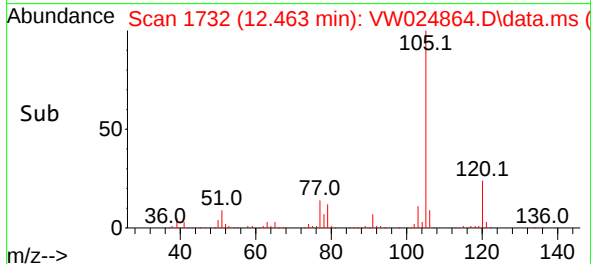
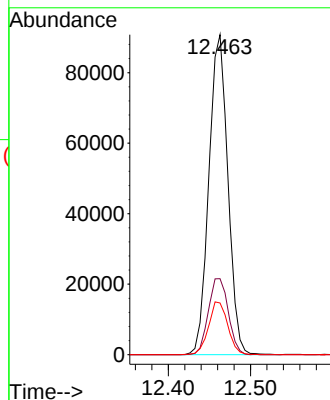
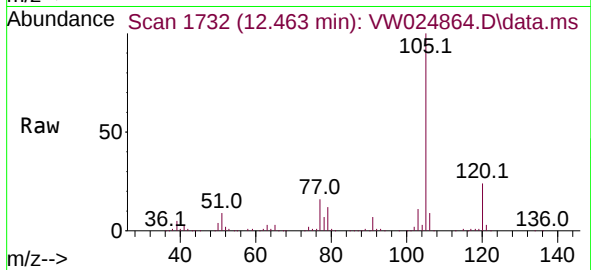




#60
Isopropylbenzene
Concen: 4.754 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

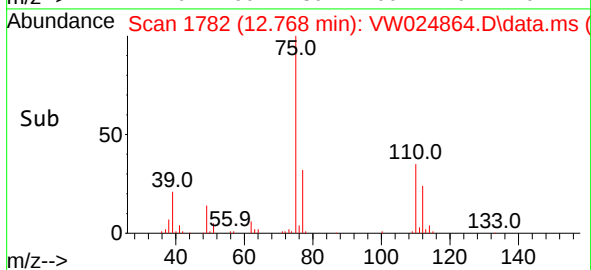
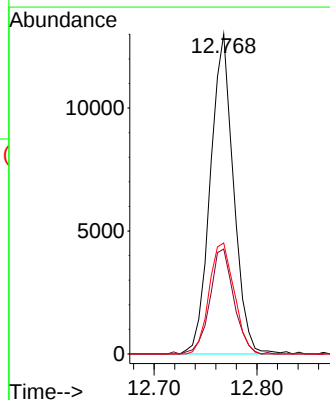
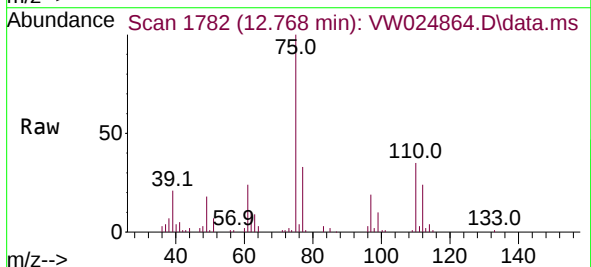
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

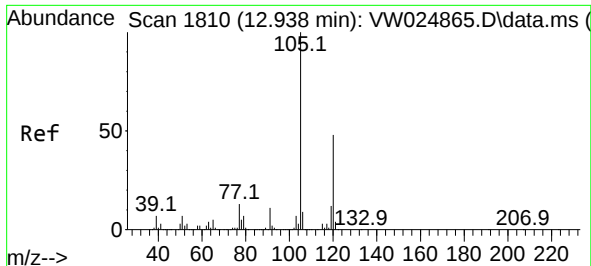
Tgt Ion:105 Resp: 145743
Ion Ratio Lower Upper
105 100
120 25.0 20.5 30.7
77 16.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.875 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion: 75 Resp: 20372
Ion Ratio Lower Upper
75 100
77 33.9 26.4 39.6
110 37.5 30.8 46.2

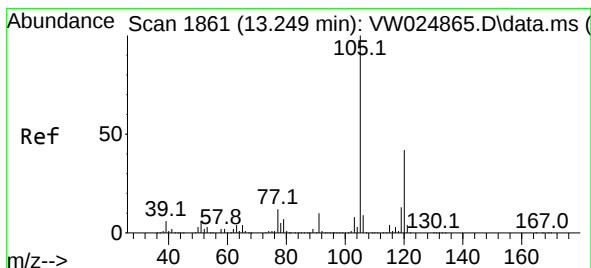
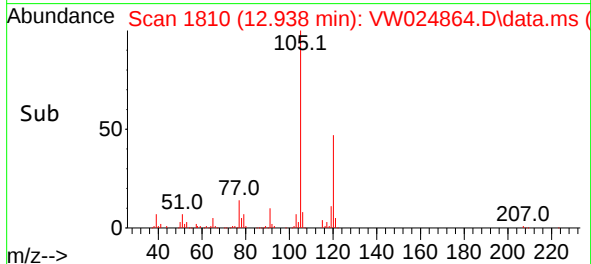
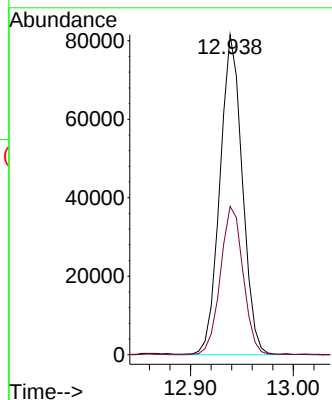
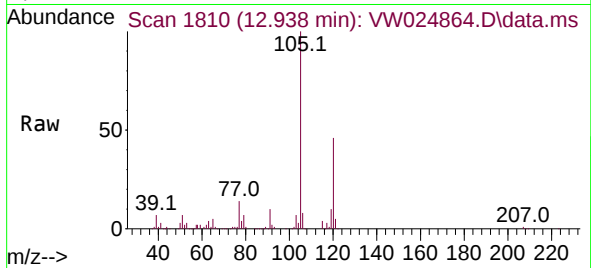




#62
1,3,5-Trimethylbenzene
Concen: 4.682 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

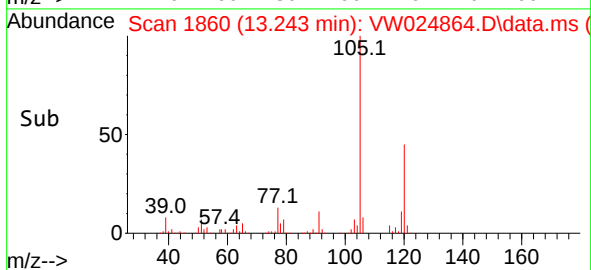
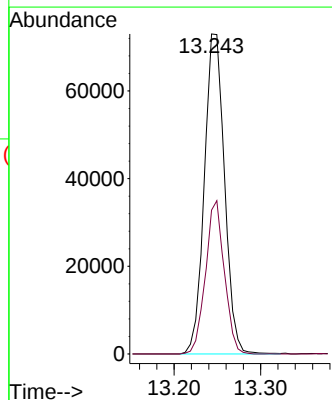
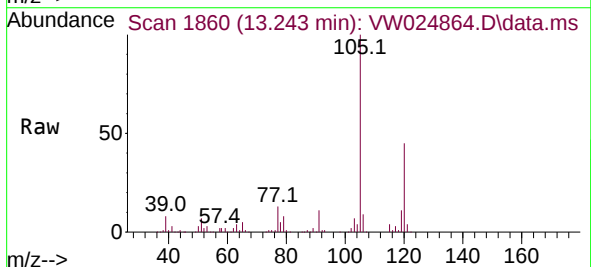
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

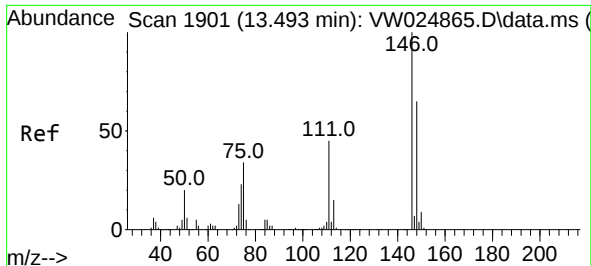
Tgt Ion:105 Resp: 123249
Ion Ratio Lower Upper
105 100
120 47.0 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 4.665 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion:105 Resp: 118389
Ion Ratio Lower Upper
105 100
120 44.5 34.8 52.2

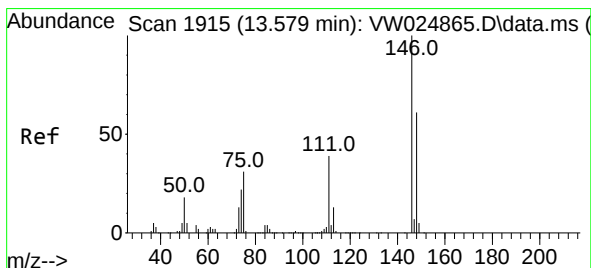
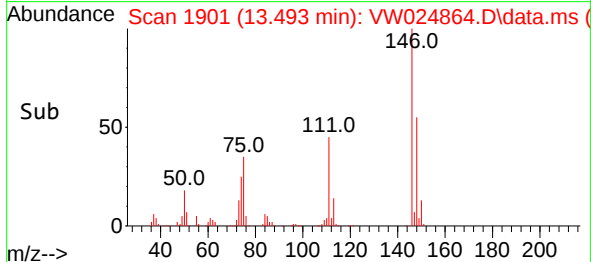
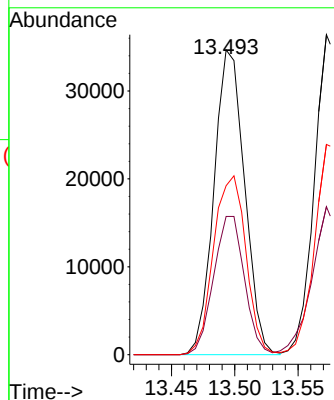
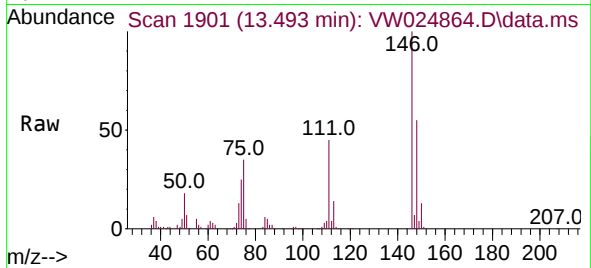




#64
1,3-Dichlorobenzene
Concen: 4.674 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

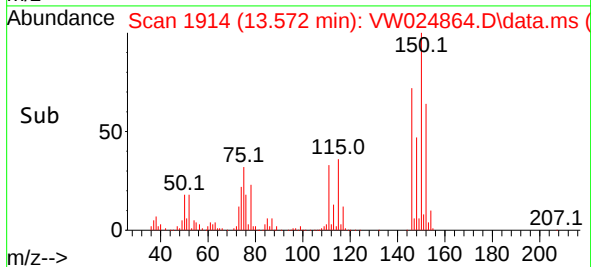
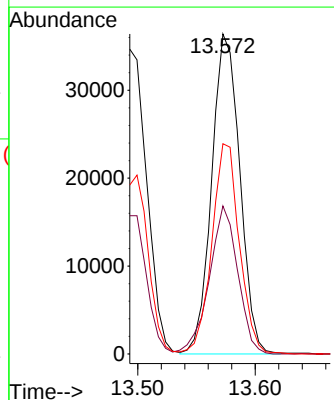
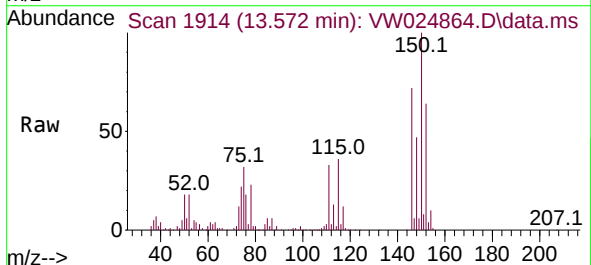
Instrument :
MSVOA_W
ClientSampleId :
VSTD005456

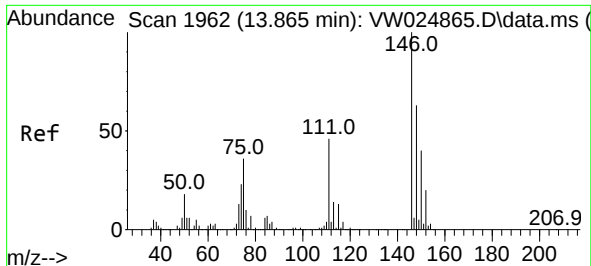
Tgt Ion:146 Resp: 58356
Ion Ratio Lower Upper
146 100
111 45.3 31.7 58.9
148 55.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 4.801 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024864.D
Acq: 12 Oct 2022 10:52

Tgt Ion:146 Resp: 60672
Ion Ratio Lower Upper
146 100
111 46.3 27.4 50.8
148 65.7 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.718 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005456

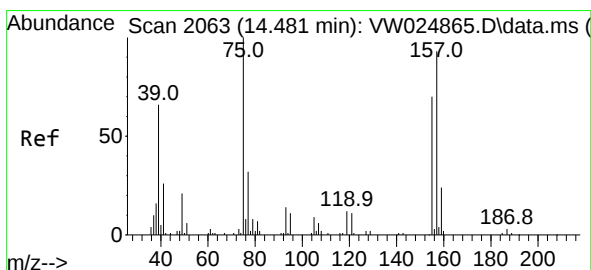
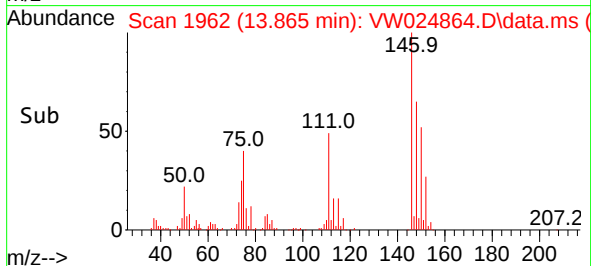
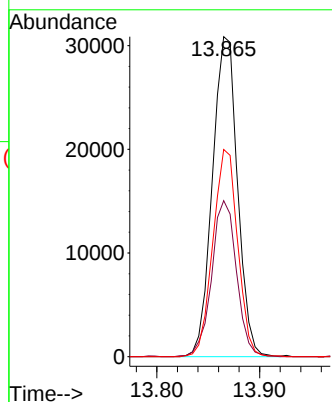
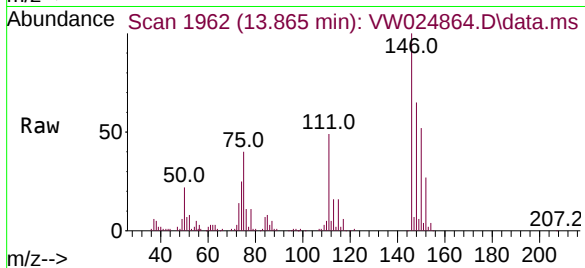
Tgt Ion:146 Resp: 52359

Ion Ratio Lower Upper

146 100

111 48.7 36.9 55.3

148 64.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.574 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

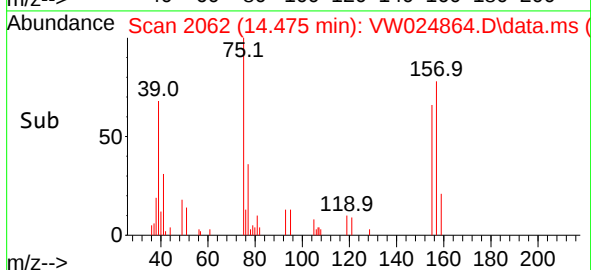
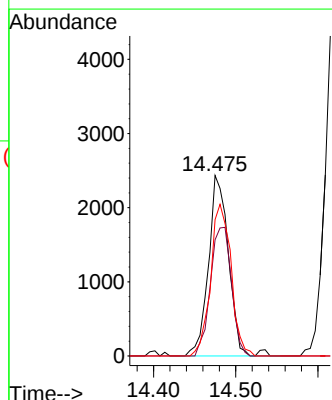
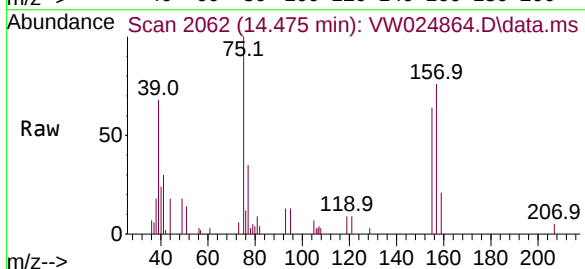
Tgt Ion: 75 Resp: 4138

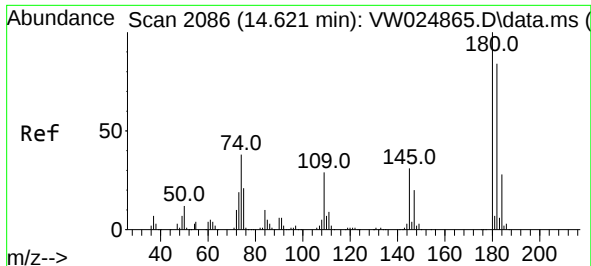
Ion Ratio Lower Upper

75 100

155 64.3 56.2 84.4

157 75.5 74.6 111.8

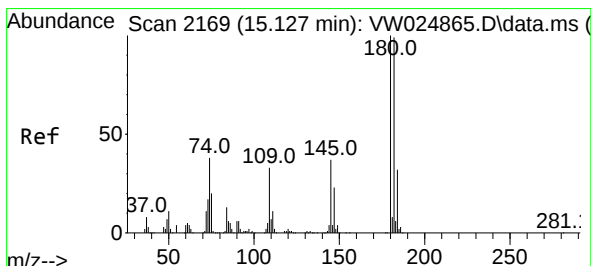
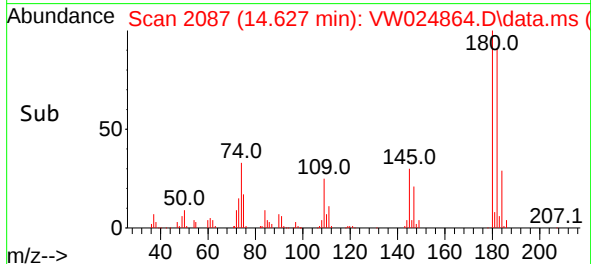
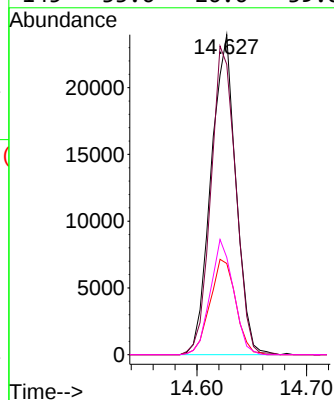
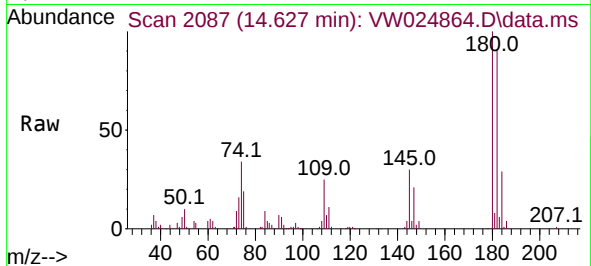




#69
 1,3,5-Trichlorobenzene
 Concen: 4.638 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

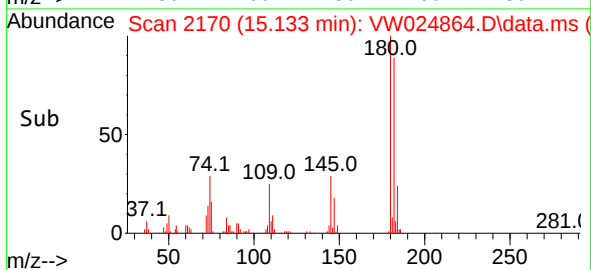
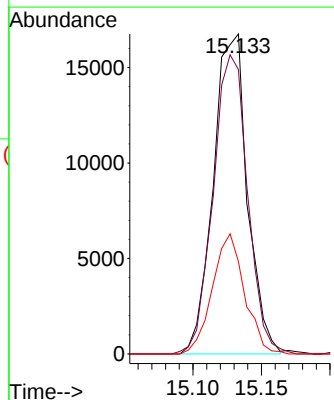
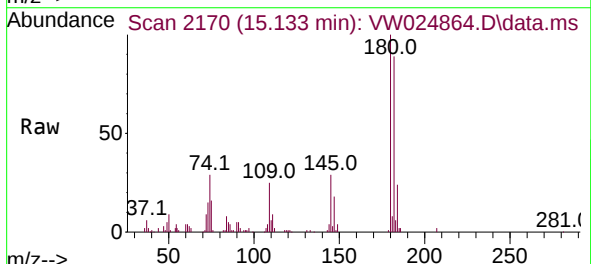
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005456

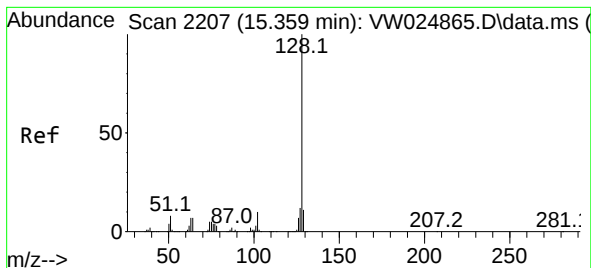
Tgt Ion:180	Resp:	37809
Ion	Ratio	Lower Upper
180	100	
182	95.7	75.0 112.6
184	30.8	22.9 34.3
145	33.6	26.6 39.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.382 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW024864.D
 Acq: 12 Oct 2022 10:52

Tgt Ion:180	Resp:	28986
Ion	Ratio	Lower Upper
180	100	
182	94.6	77.7 116.5
145	35.5	29.0 43.4





#71

Naphthalene

Concen: 4.325 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005456

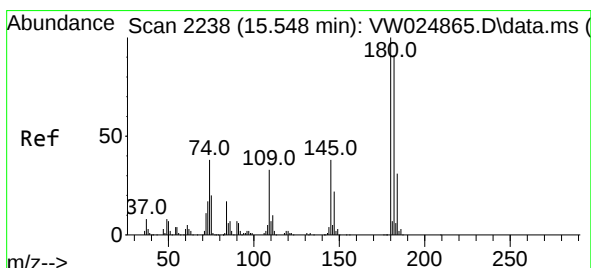
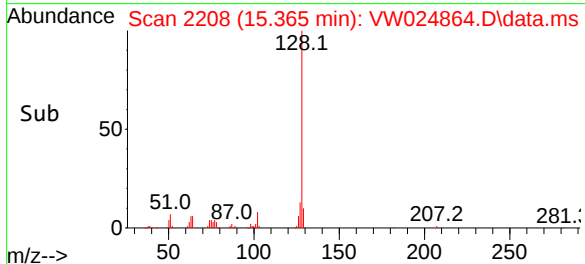
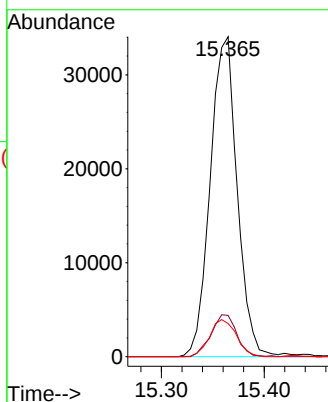
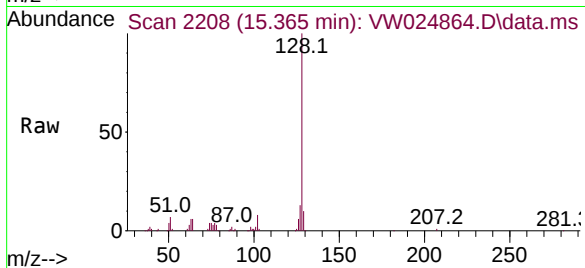
Tgt Ion:128 Resp: 61982

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.5 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 4.580 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024864.D

Acq: 12 Oct 2022 10:52

Tgt Ion:180 Resp: 25854

Ion Ratio Lower Upper

180 100

182 93.1 75.1 112.7

145 34.7 29.9 44.9

