

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121322\
 Data File : VW025138.D
 Acq On : 13 Dec 2022 09:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Dec 13 22:00:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 13 00:39:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	490839	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	424351	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203033	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140459	24.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
7) Chloroethane-d5	2.891	69	96166	26.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.280%
11) 1,1-Dichloroethene-d2	4.025	63	325285	26.241	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.960%
21) 2-Butanone-d5	7.086	46	57957	40.800	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.600%
24) Chloroform-d	7.646	84	315012	24.863	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	8.305	65	151978	23.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.274	84	646294	25.970	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.880%
36) 1,2-Dichloropropane-d6	9.274	67	184114	25.426	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.720%
41) Toluene-d8	10.323	98	584284	25.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	10.579	79	73133	23.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.920	63	47899	45.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120378	22.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.040%
66) 1,2-Dichlorobenzene-d4	13.847	152	144658	21.020	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	63614	21.385	ug/L	96
3) Chloromethane	2.215	50	129875	24.795	ug/L	96
5) Vinyl chloride	2.367	62	177448	27.081	ug/L	98
6) Bromomethane	2.788	94	87741	25.842	ug/L	97
8) Chloroethane	2.928	64	84625	27.923	ug/L	98
9) Trichlorofluoromethane	3.263	101	141348	28.785	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	174258	26.865	ug/L	97
12) 1,1-Dichloroethene	4.043	96	164845	26.656	ug/L	98
13) Acetone	4.129	43	76722	52.542	ug/L	99
14) Carbon disulfide	4.385	76	522686	26.476	ug/L	99
15) Methyl Acetate	4.677	43	53686	22.526	ug/L	97
16) Methylene chloride	4.921	84	173742	22.647	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	177105	27.015	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	240120	24.685	ug/L	99
19) 1,1-Dichloroethane	6.220	63	316050	26.681	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	187824	27.095	ug/L	93
22) 2-Butanone	7.171	43	83740	45.585	ug/L	99
23) Bromochloromethane	7.518	128	74810	25.503	ug/L	96
25) Chloroform	7.677	83	315990	26.360	ug/L	99

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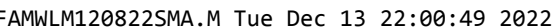
Instrument :
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 ClientSampleId :
 VSTD025510

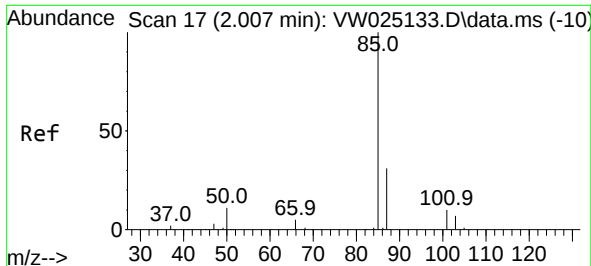
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 Quant Title : SFAM01.0
 QLast Update : Tue Dec 13 00:39:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	186518	24.713	ug/L	99
29) Cyclohexane	7.957	56	298752	27.803	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	274533	27.406	ug/L	100
31) Carbon tetrachloride	8.067	117	250952	27.246	ug/L	99
33) Benzene	8.323	78	718802	27.344	ug/L	100
34) Trichloroethene	9.091	95	184939	26.858	ug/L	90
35) Methylcyclohexane	9.335	83	336909	27.585	ug/L	99
37) 1,2-Dichloropropane	9.372	63	168806	26.624	ug/L	99
38) Bromodichloromethane	9.646	83	222959	26.619	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	263437	27.193	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	152622	46.958	ug/L	100
42) Toluene	10.390	91	758115	27.525	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	219252	26.427	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	113490	25.083	ug/L	98
46) Tetrachloroethene	10.859	164	135528	27.037	ug/L	98
48) 2-Hexanone	10.969	43	120922	50.936	ug/L	99
49) Dibromochloromethane	11.128	129	139079	25.594	ug/L	96
50) 1,2-Dibromoethane	11.237	107	106965	25.392	ug/L	95
51) Chlorobenzene	11.658	112	476136	27.013	ug/L	98
52) Ethylbenzene	11.731	91	860543	27.570	ug/L	99
53) m,p-Xylene	11.835	106	332845	27.924	ug/L	99
54) o-Xylene	12.164	106	307893	27.103	ug/L	96
55) Styrene	12.182	104	526309	27.357	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	126593	23.924	ug/L	98
59) Bromoform	12.347	173	69087	24.779	ug/L	97
60) Isopropylbenzene	12.463	105	863581	27.749	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	91761	23.513	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	742210	27.842	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	728808	28.142	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	351913	27.621	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	343042	26.736	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	257160	23.144	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17572	19.312	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	208429	23.039	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	161992	22.317	ug/L	97
71) Naphthalene	15.358	128	277877	19.528	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	131738	20.709	ug/L	99

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

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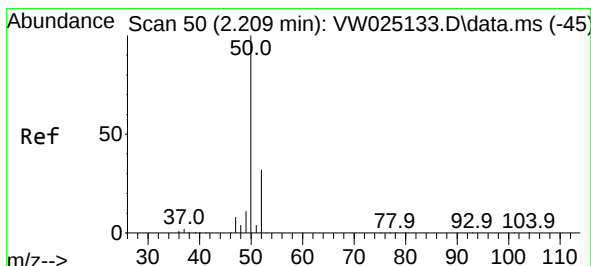
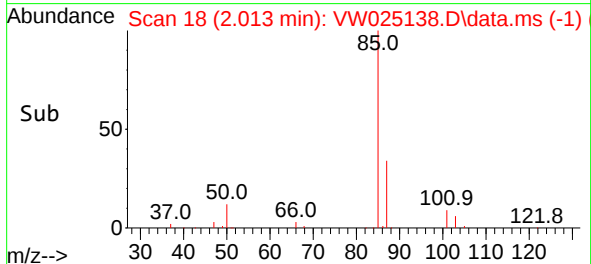
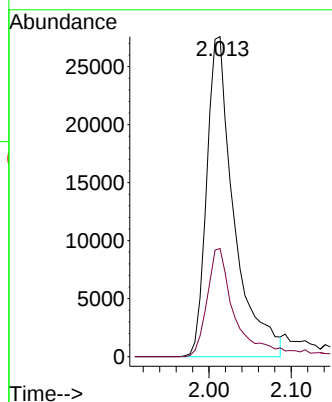
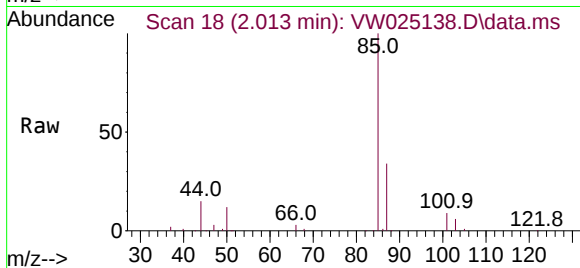




#2
Dichlorodifluoromethane
Concen: 21.385 ug/L
RT: 2.013 min Scan# 17
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

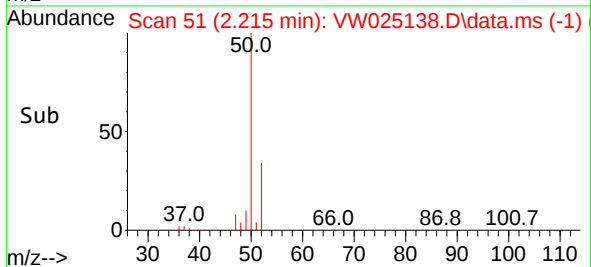
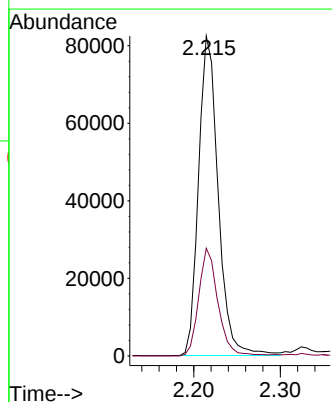
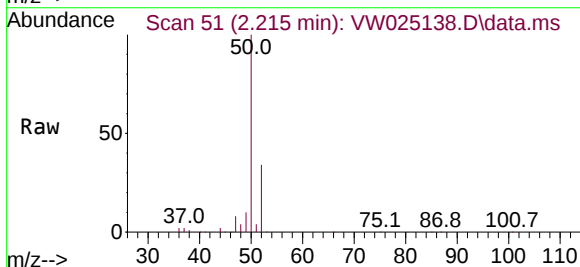
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

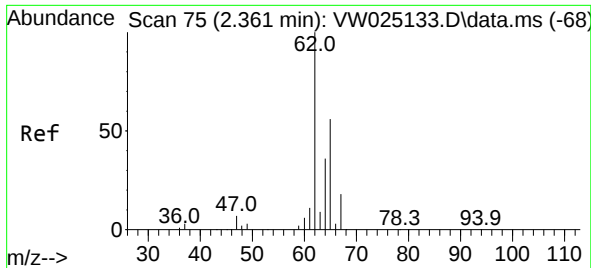
Tgt Ion: 85 Resp: 63614
Ion Ratio Lower Upper
85 100
87 33.6 25.0 37.6



#3
Chloromethane
Concen: 24.795 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 50 Resp: 129875
Ion Ratio Lower Upper
50 100
52 33.7 22.1 41.1

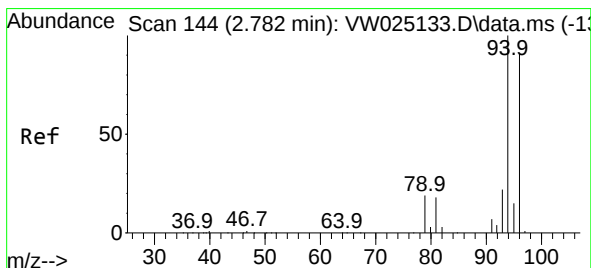
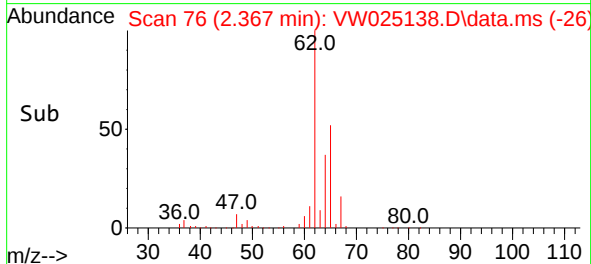
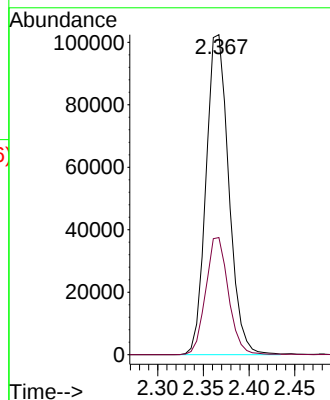
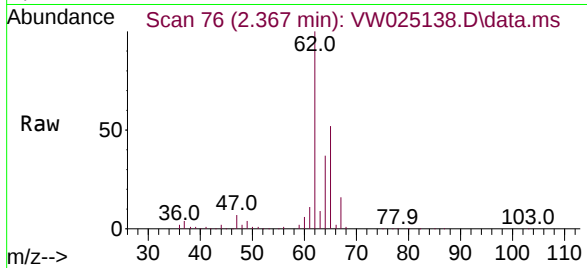




#5
 Vinyl chloride
 Concen: 27.081 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW025138.D
 Acq: 13 Dec 2022 09:28

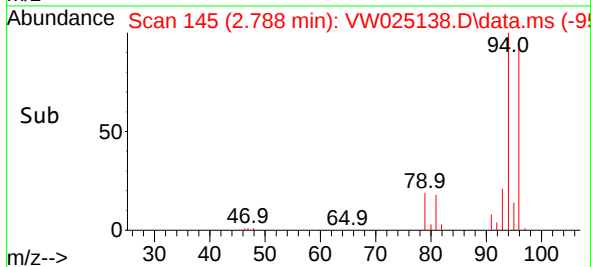
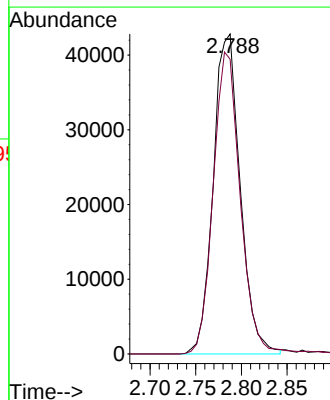
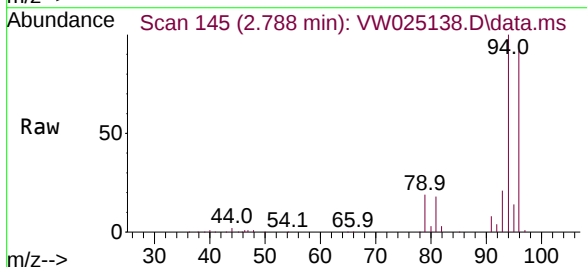
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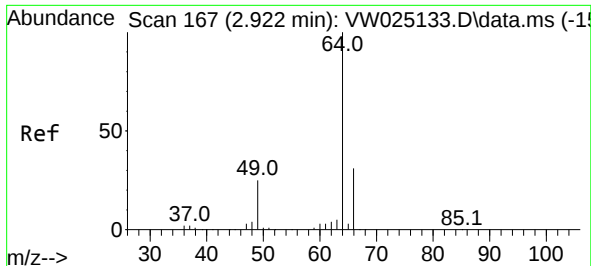
Tgt Ion: 62 Resp: 177448
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.8 46.1



#6
 Bromomethane
 Concen: 25.842 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW025138.D
 Acq: 13 Dec 2022 09:28

Tgt Ion: 94 Resp: 87741
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.7 123.9

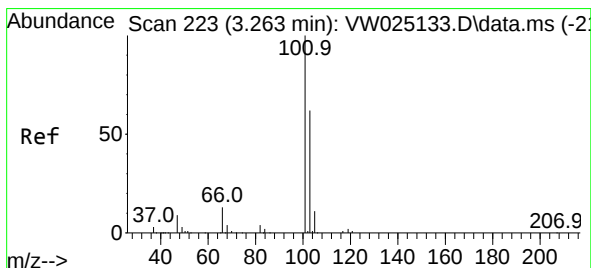
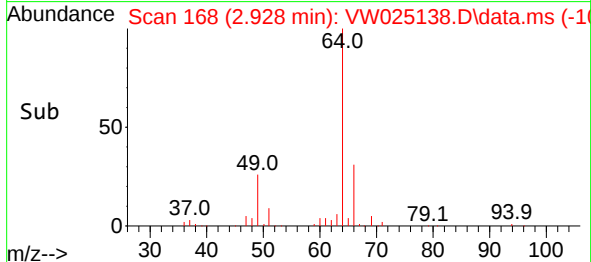
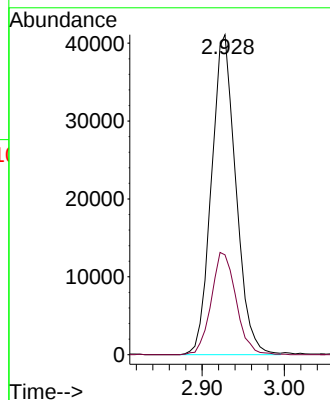
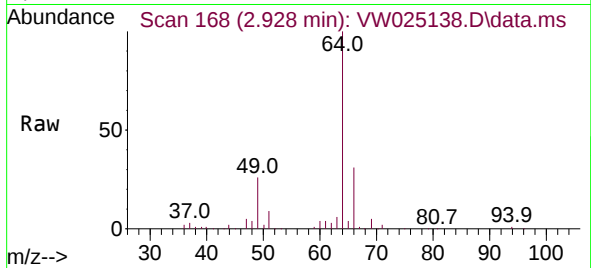




#8
Chloroethane
Concen: 27.923 ug/L
RT: 2.928 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

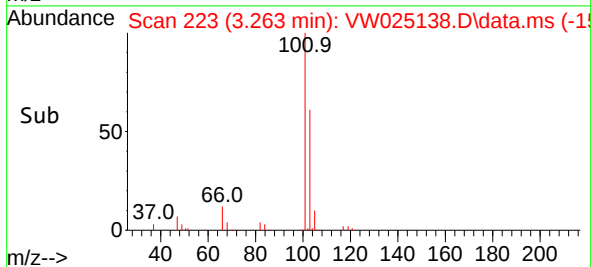
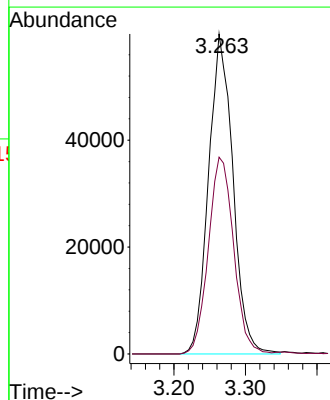
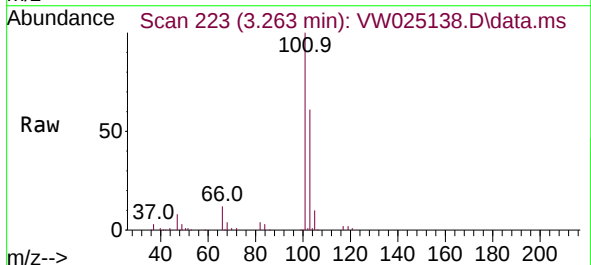
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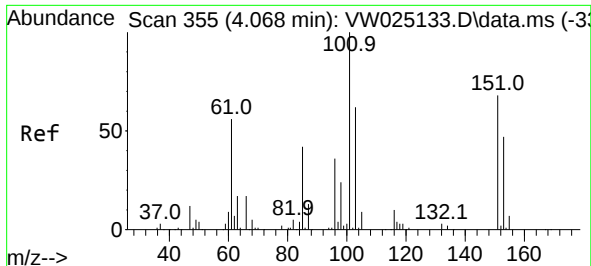
Tgt Ion: 64 Resp: 84625
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 28.785 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 101 Resp: 141348
Ion Ratio Lower Upper
101 100
103 63.9 50.9 76.3

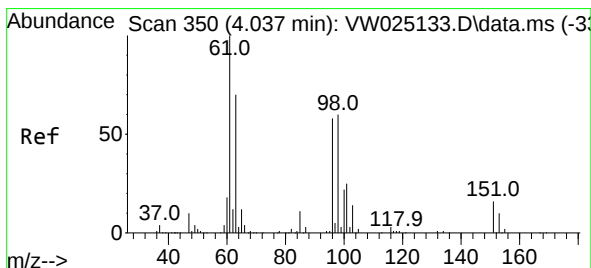
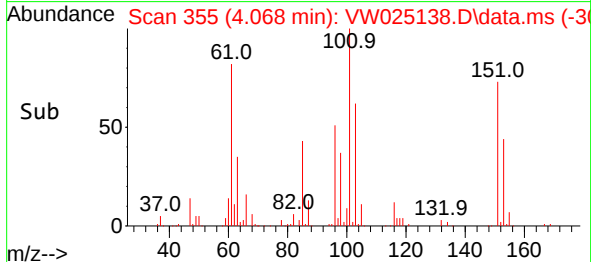
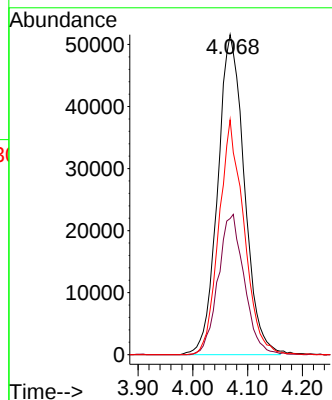
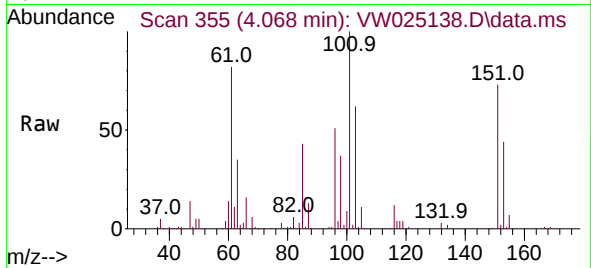




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.865 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025138.D
 Acq: 13 Dec 2022 09:28

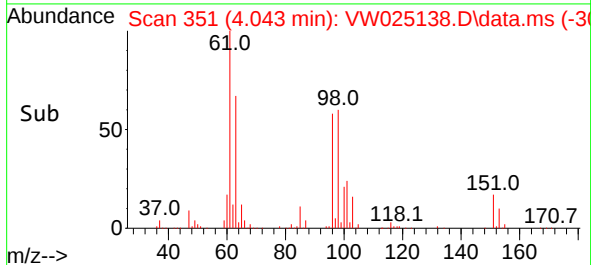
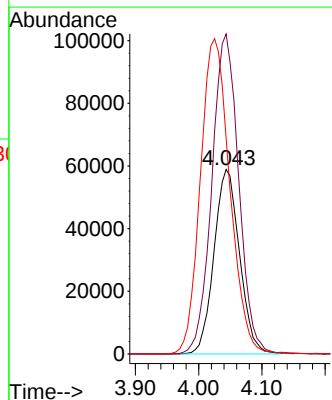
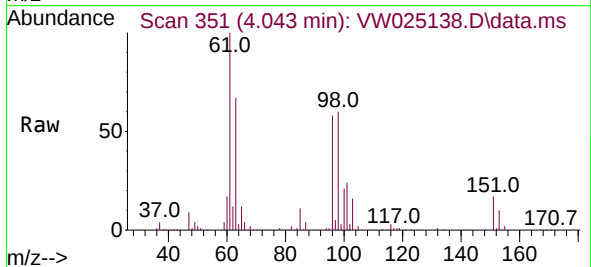
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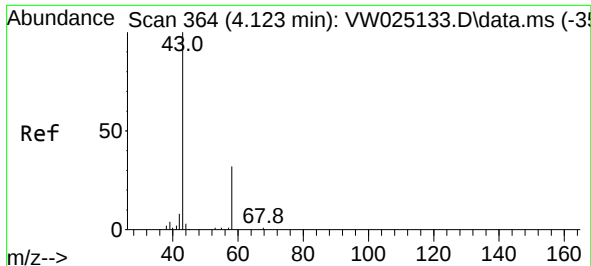
Tgt Ion:101 Resp: 174258
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.6 52.0
 151 69.0 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 26.656 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW025138.D
 Acq: 13 Dec 2022 09:28

Tgt Ion: 96 Resp: 164845
 Ion Ratio Lower Upper
 96 100
 61 173.5 120.8 224.4
 63 116.9 84.1 156.1





#13

Acetone

Concen: 52.542 ug/L

RT: 4.129 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

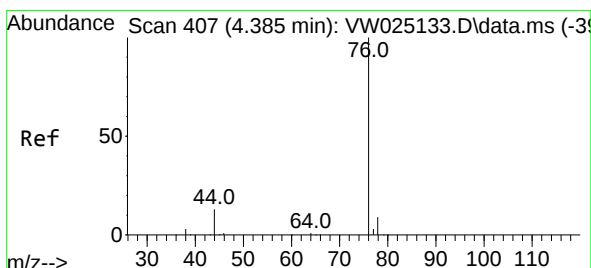
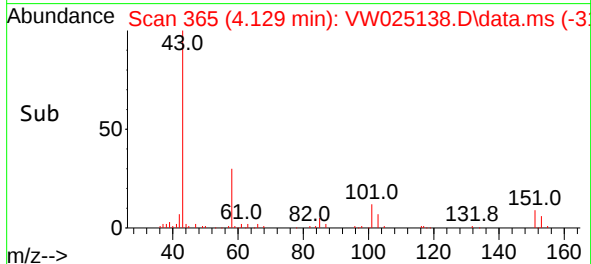
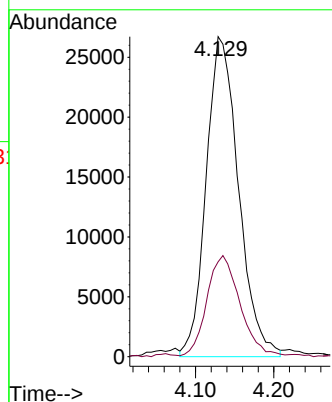
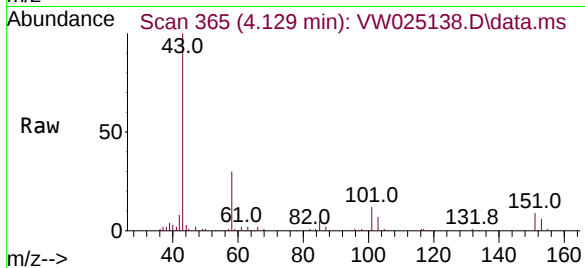
VSTD025510

Tgt Ion: 43 Resp: 76722

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.2



#14

Carbon disulfide

Concen: 26.476 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW025138.D

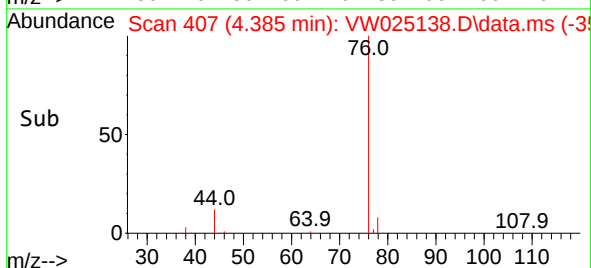
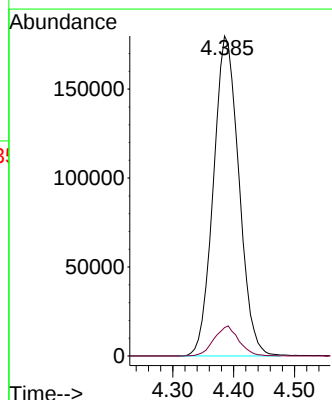
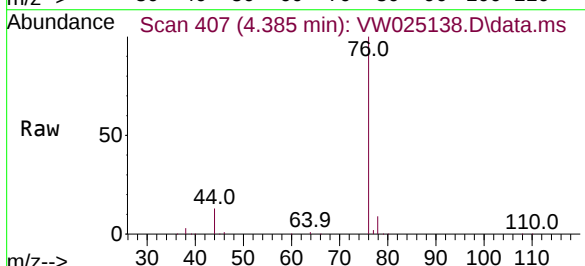
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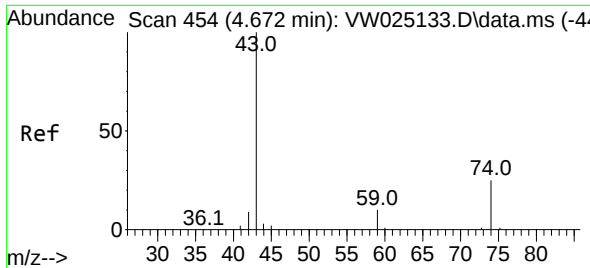
Tgt Ion: 76 Resp: 522686

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

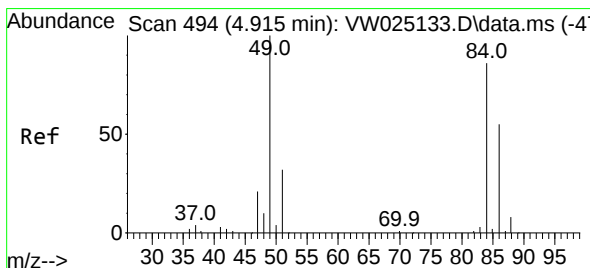
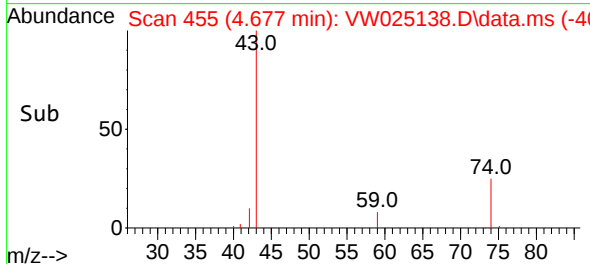
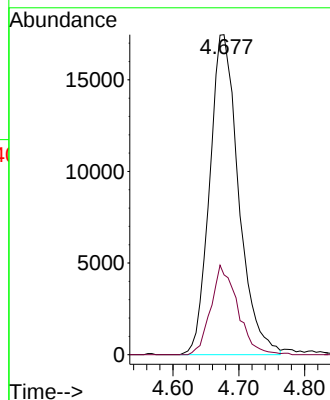
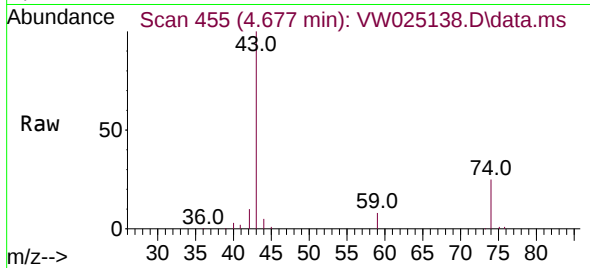




#15
Methyl Acetate
Concen: 22.526 ug/L
RT: 4.677 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

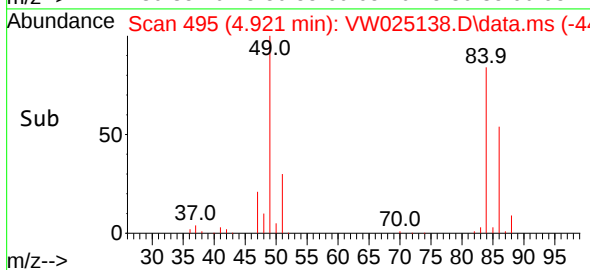
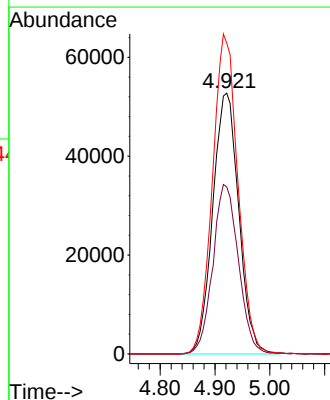
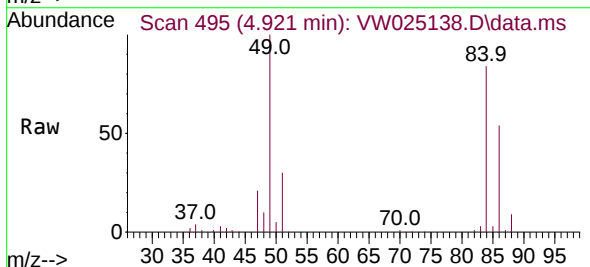
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

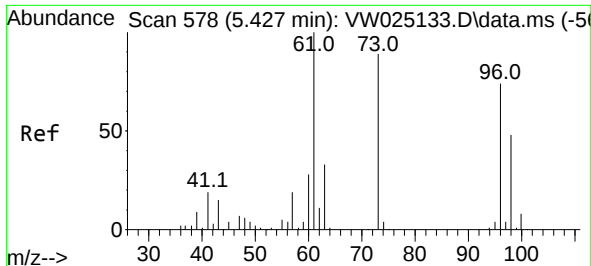
Tgt Ion: 43 Resp: 53686
Ion Ratio Lower Upper
43 100
74 25.7 19.5 29.3



#16
Methylene chloride
Concen: 22.647 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 84 Resp: 173742
Ion Ratio Lower Upper
84 100
86 64.1 45.0 83.6
49 119.1 86.3 160.3





#17

trans-1,2-Dichloroethene

Concen: 27.015 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

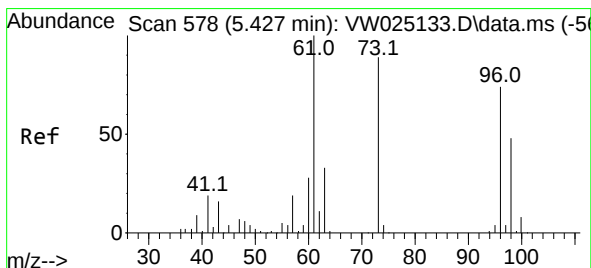
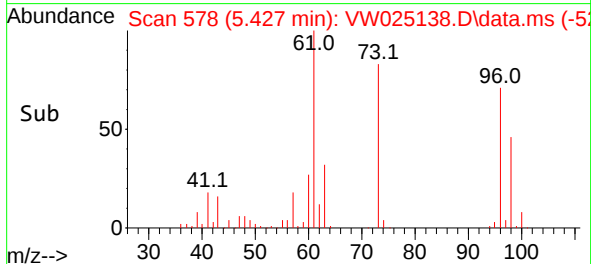
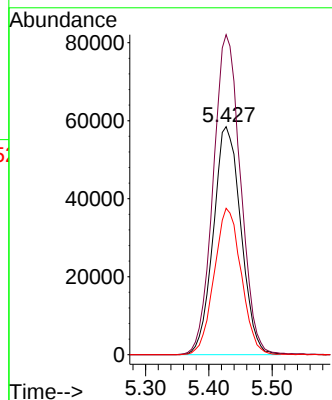
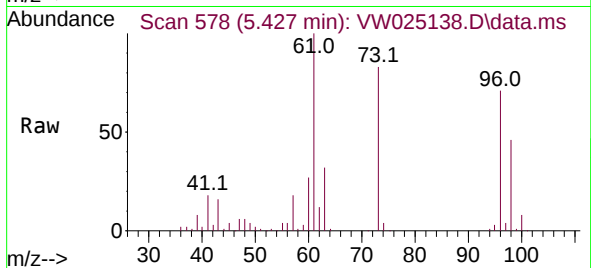
Tgt Ion: 96 Resp: 177105

Ion Ratio Lower Upper

96 100

61 140.3 95.5 177.3

98 64.2 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 24.685 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

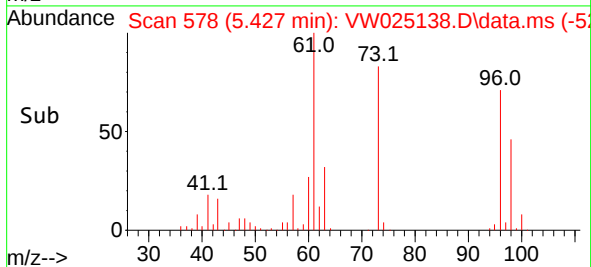
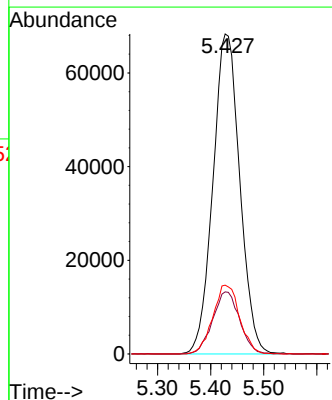
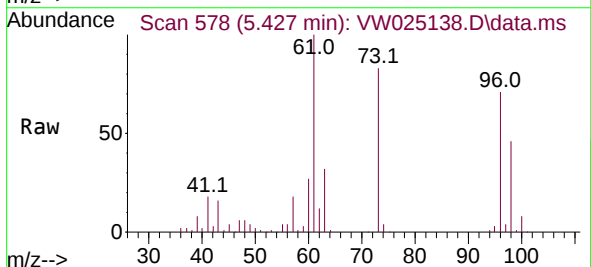
Tgt Ion: 73 Resp: 240120

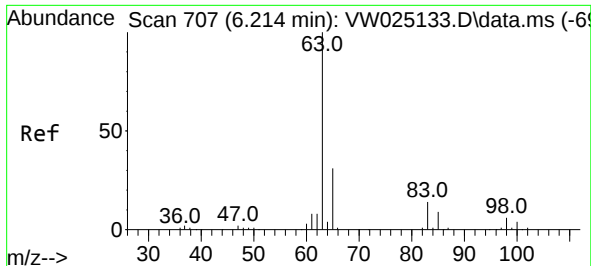
Ion Ratio Lower Upper

73 100

43 19.5 15.6 23.4

57 21.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 26.681 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

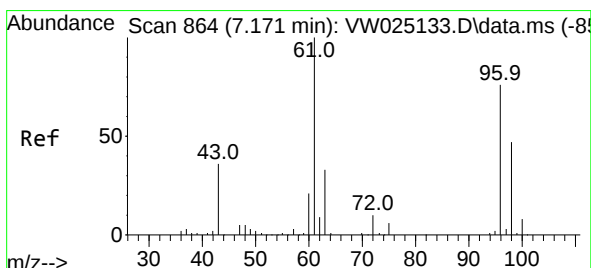
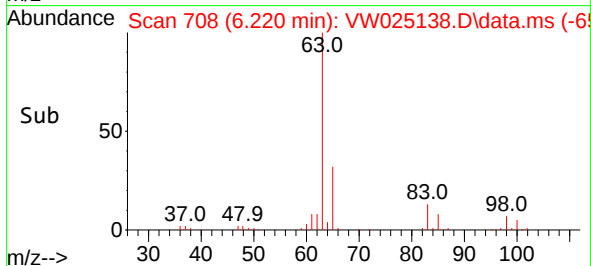
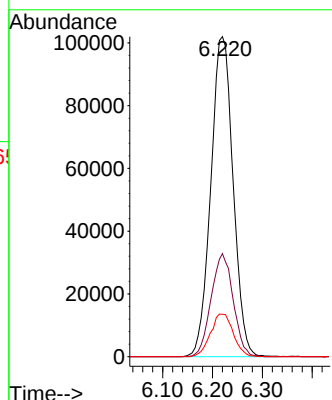
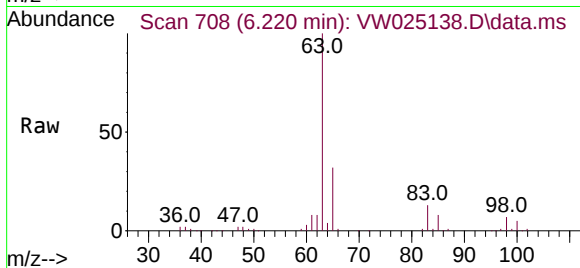
Tgt Ion: 63 Resp: 316050

Ion Ratio Lower Upper

63 100

65 32.2 22.2 41.2

83 13.2 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.095 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

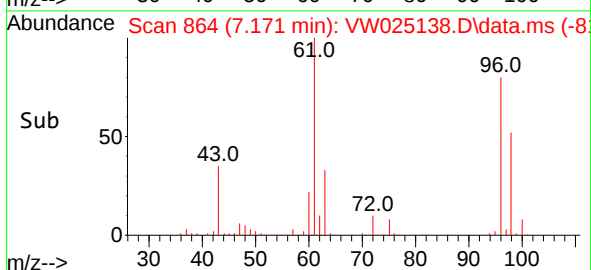
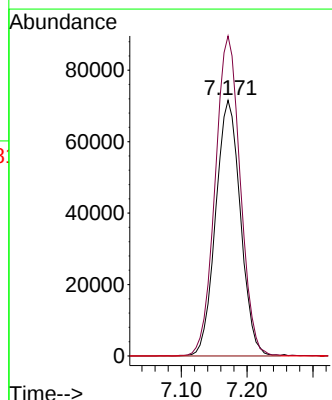
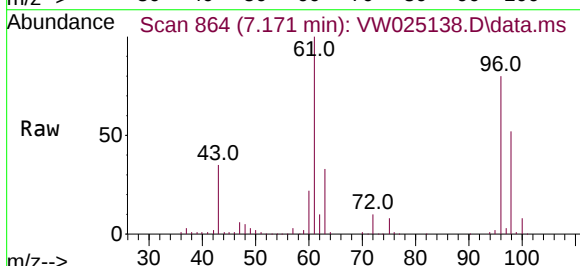
Tgt Ion: 96 Resp: 187824

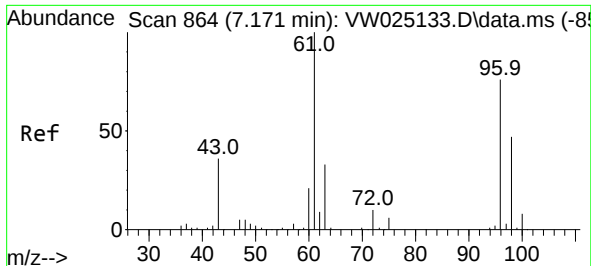
Ion Ratio Lower Upper

96 100

61 125.1 93.7 173.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 45.585 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

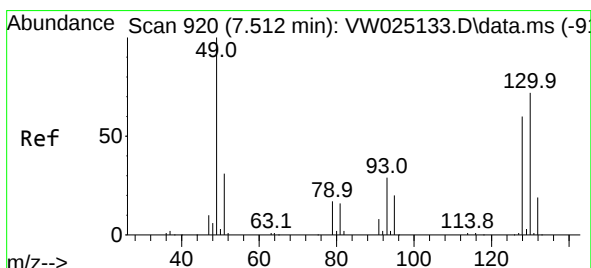
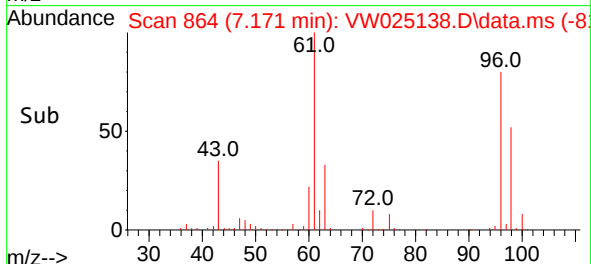
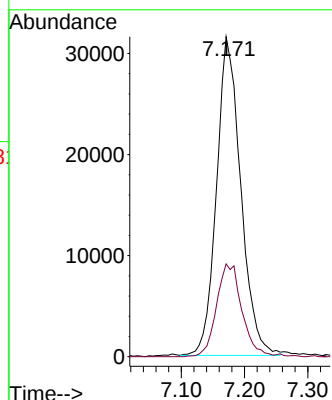
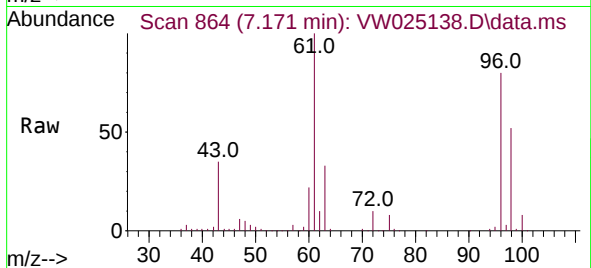
VSTD025510

Tgt Ion: 43 Resp: 83740

Ion Ratio Lower Upper

43 100

72 30.3 15.0 45.0



#23

Bromochloromethane

Concen: 25.503 ug/L

RT: 7.518 min Scan# 921

Delta R.T. 0.006 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Tgt Ion: 128 Resp: 74810

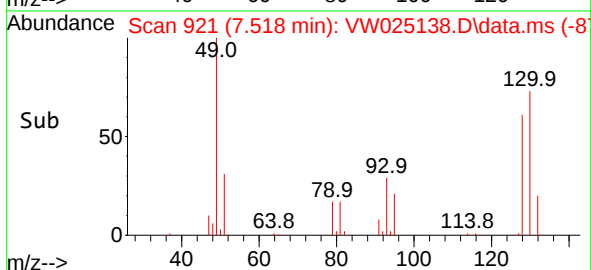
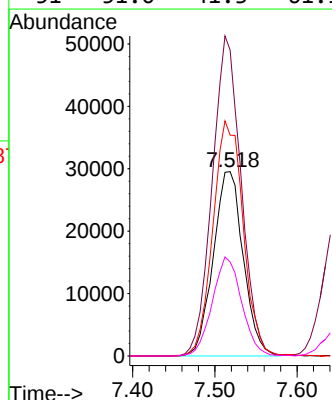
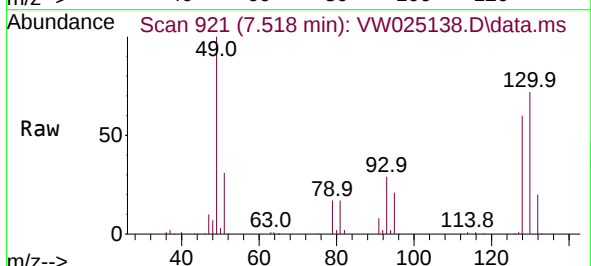
Ion Ratio Lower Upper

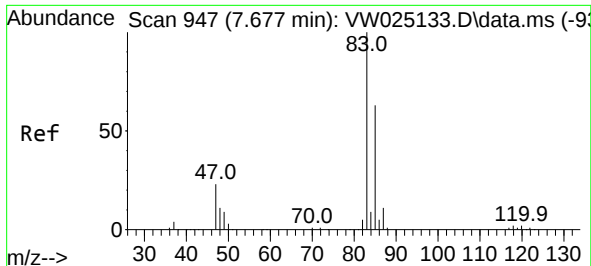
128 100

49 166.0 114.1 211.9

130 119.9 89.0 165.2

51 51.0 41.3 61.9





#25

Chloroform

Concen: 26.360 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

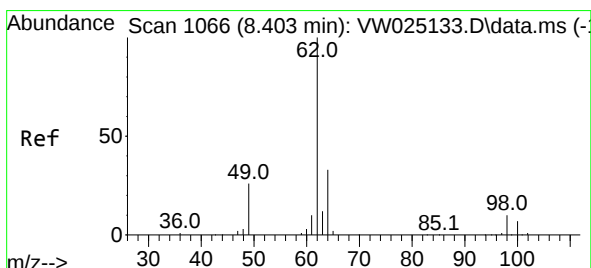
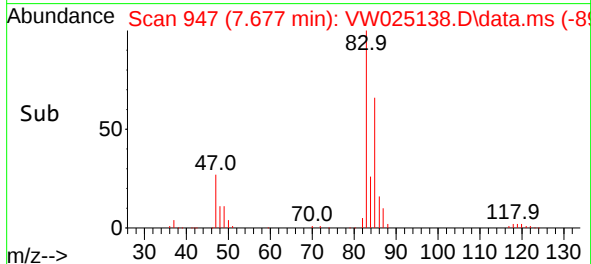
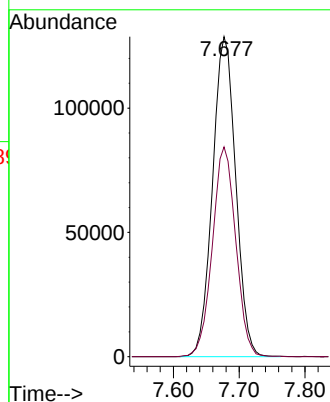
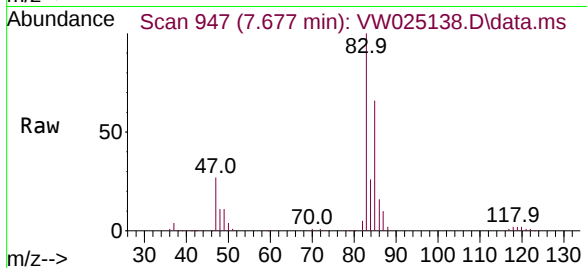
VSTD025510

Tgt Ion: 83 Resp: 315990

Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 24.713 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW025138.D

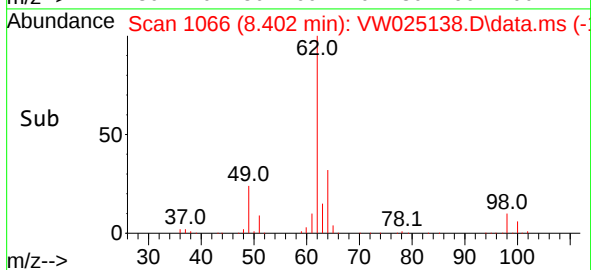
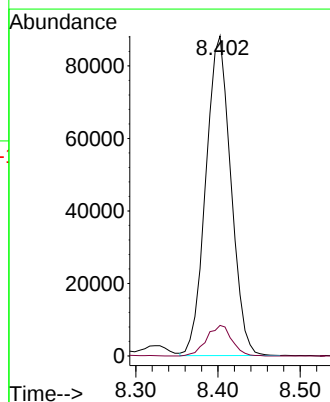
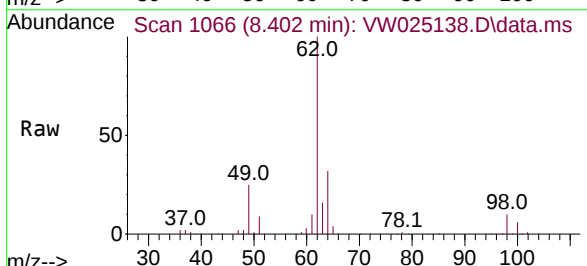
Acq: 13 Dec 2022 09:28

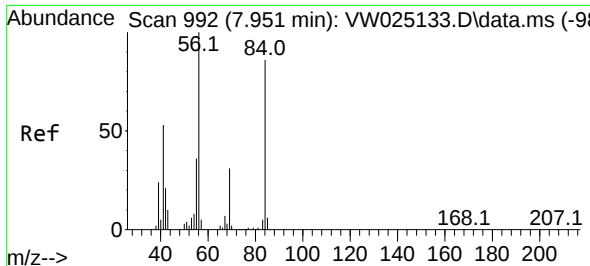
Tgt Ion: 62 Resp: 186518

Ion Ratio Lower Upper

62 100

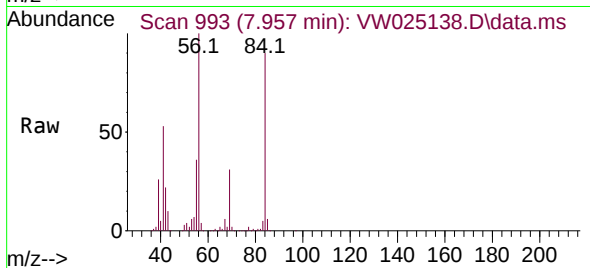
98 9.6 7.8 11.8



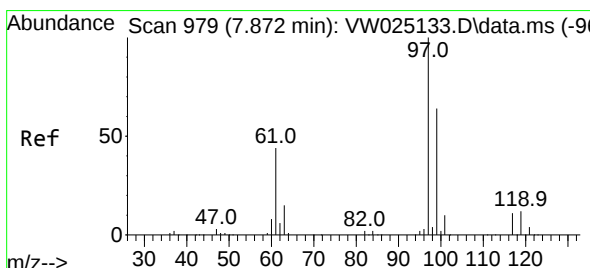
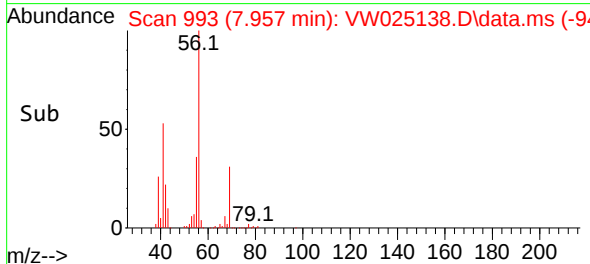
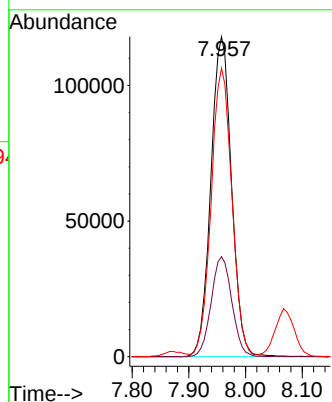


#29
Cyclohexane
Concen: 27.803 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

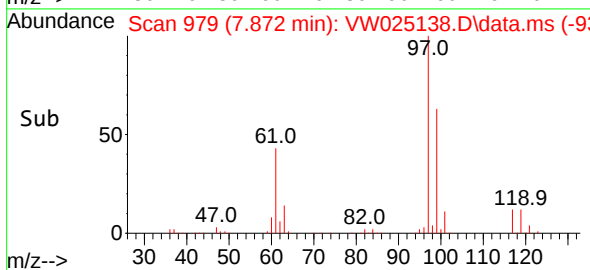
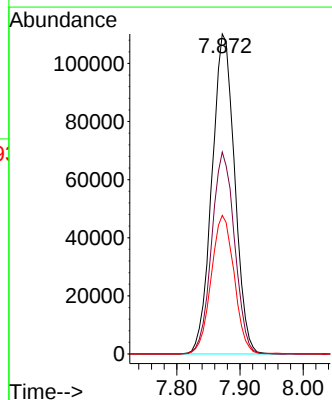
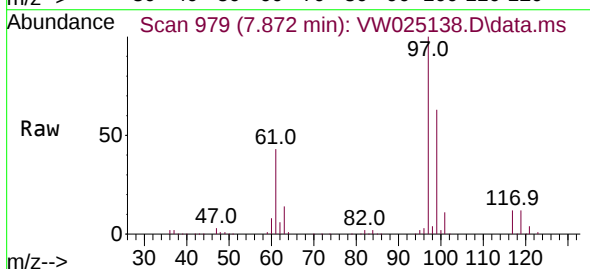


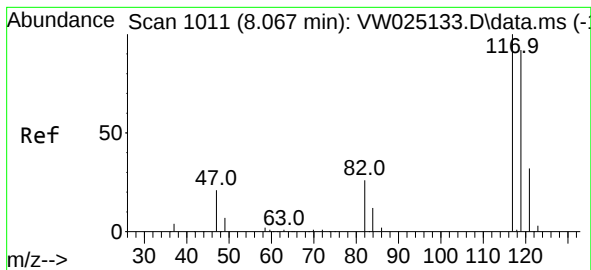
Tgt Ion: 56 Resp: 298752
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.6
84 90.5 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 27.406 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 97 Resp: 274533
Ion Ratio Lower Upper
97 100
99 63.5 50.9 76.3
61 43.8 35.5 53.3

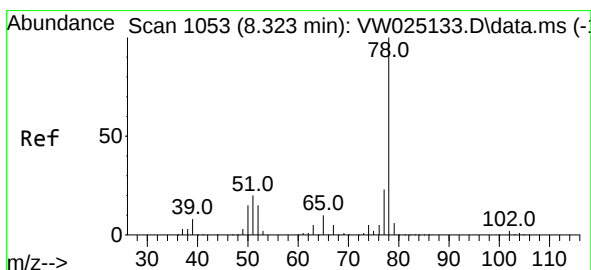
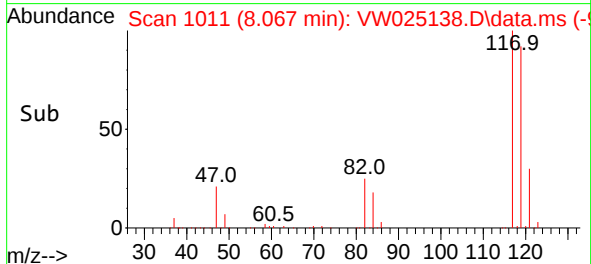
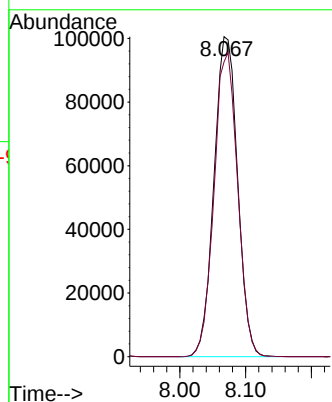
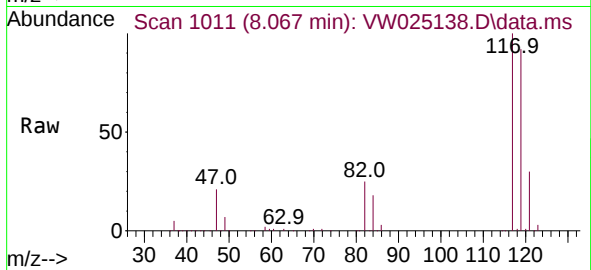




#31
Carbon tetrachloride
Concen: 27.246 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

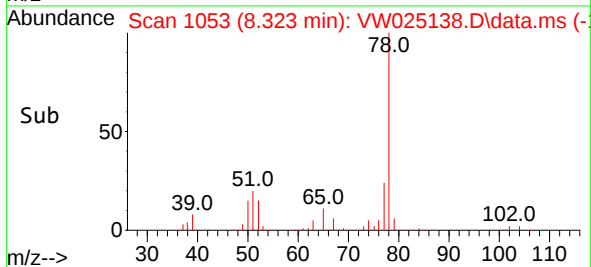
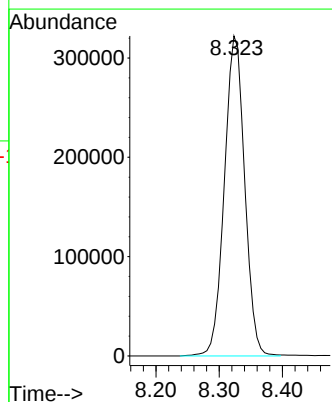
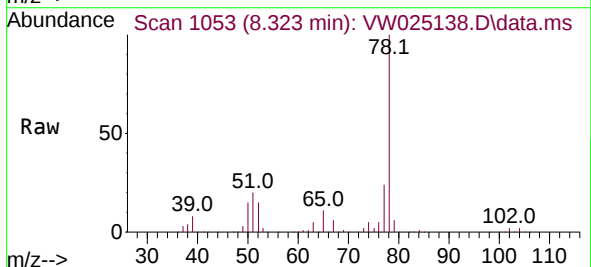
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

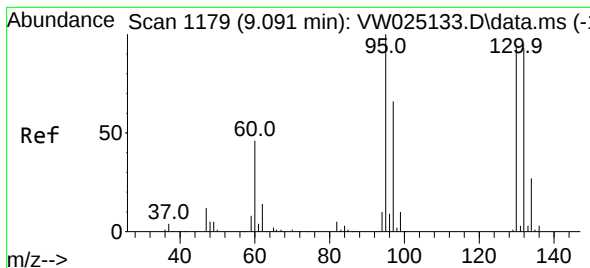
Tgt Ion:117 Resp: 250952
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 27.344 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 78 Resp: 718802





#34

Trichloroethene

Concen: 26.858 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

Tgt Ion: 95 Resp: 184939

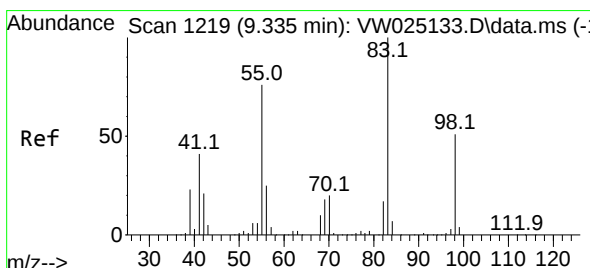
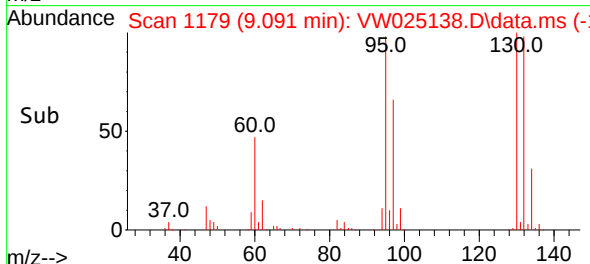
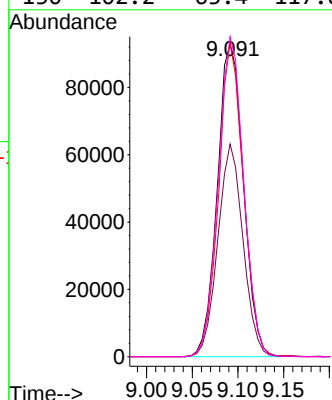
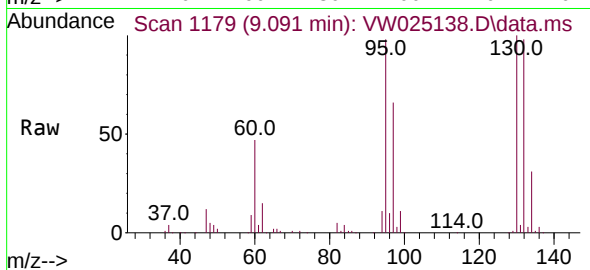
Ion Ratio Lower Upper

95 100

97 67.9 44.3 82.3

132 100.2 63.0 117.0

130 102.2 63.4 117.8



#35

Methylcyclohexane

Concen: 27.585 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

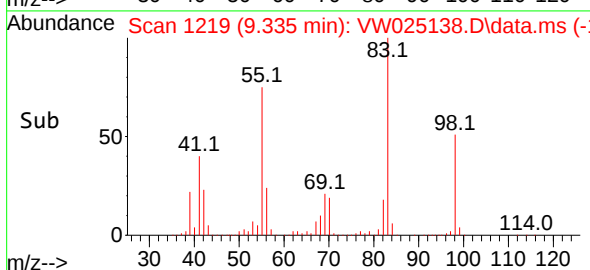
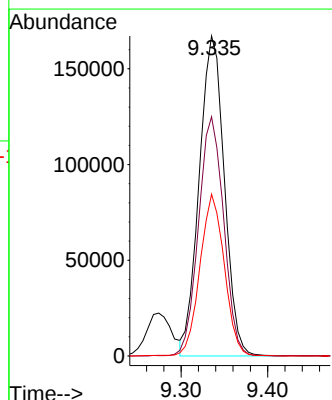
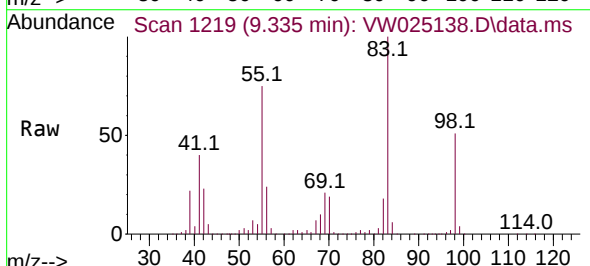
Tgt Ion: 83 Resp: 336909

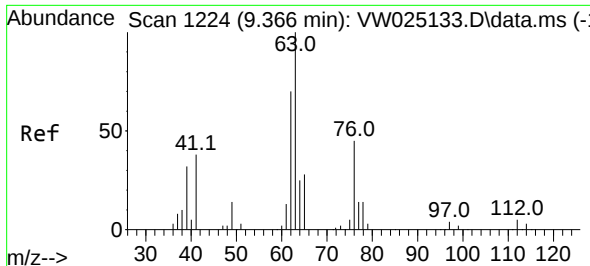
Ion Ratio Lower Upper

83 100

55 74.9 59.3 88.9

98 49.0 38.6 57.8

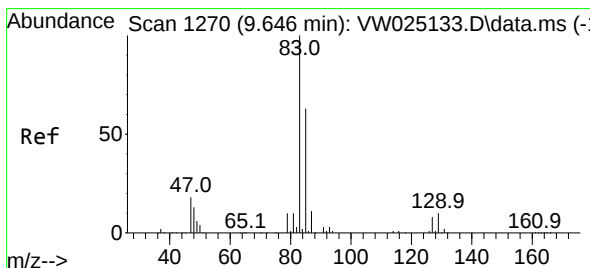
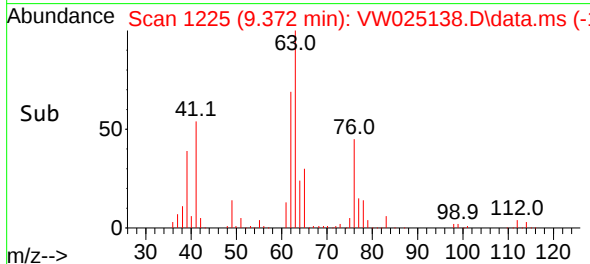
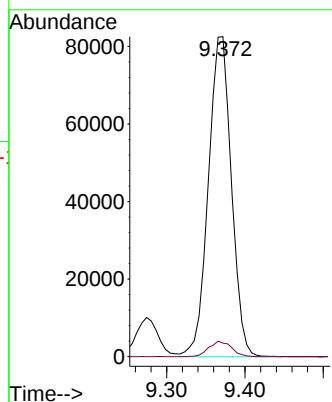
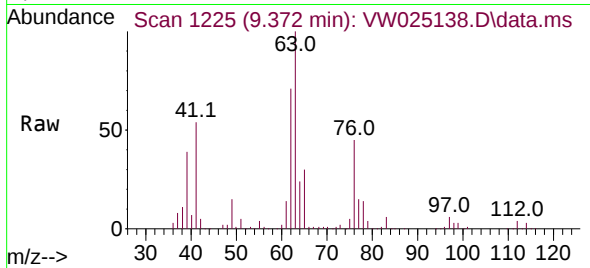




#37
1,2-Dichloropropane
Concen: 26.624 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

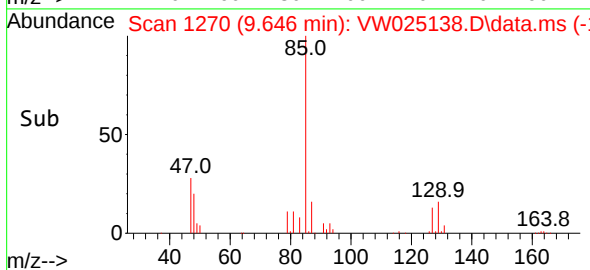
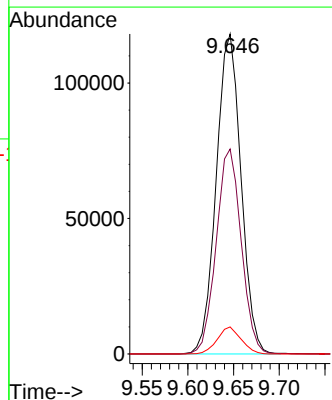
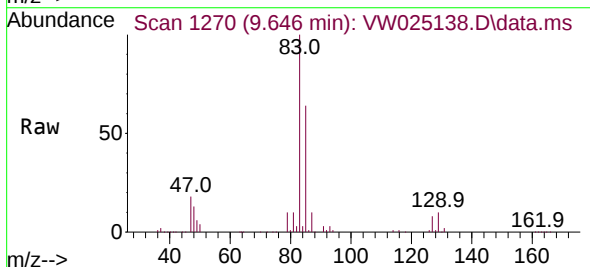
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

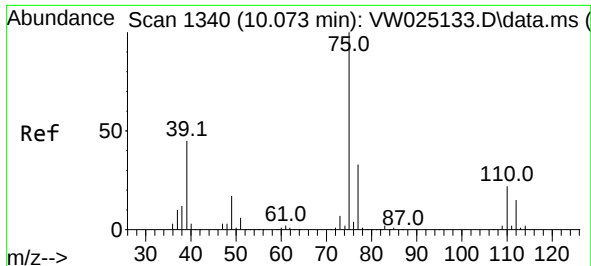
Tgt Ion: 63 Resp: 168806
Ion Ratio Lower Upper
63 100
112 4.7 3.4 5.2



#38
Bromodichloromethane
Concen: 26.619 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 83 Resp: 222959
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.2
127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.193 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

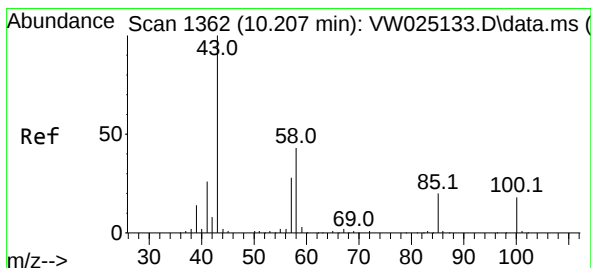
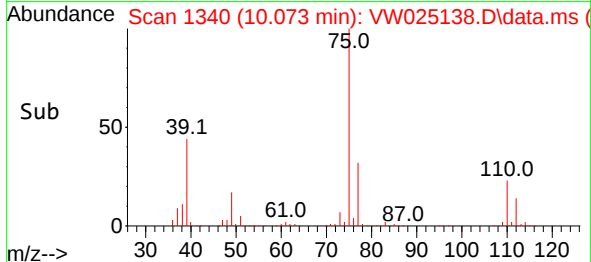
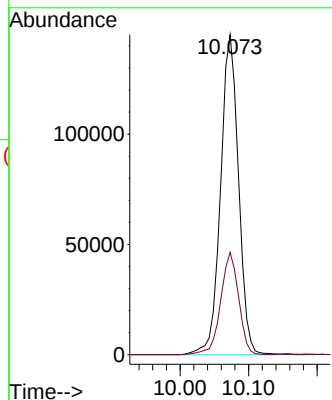
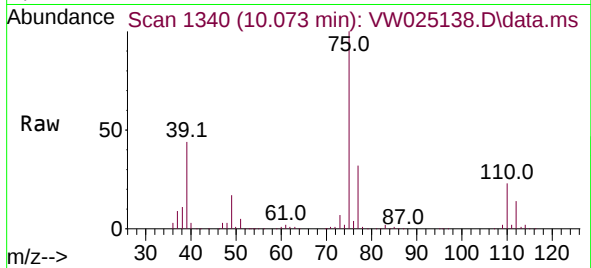
VSTD025510

Tgt Ion: 75 Resp: 263437

Ion Ratio Lower Upper

75 100

77 31.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 46.958 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

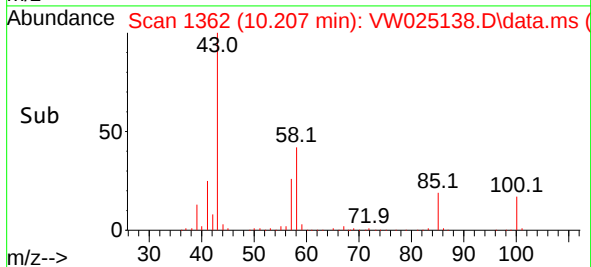
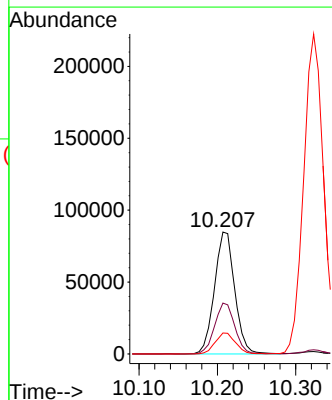
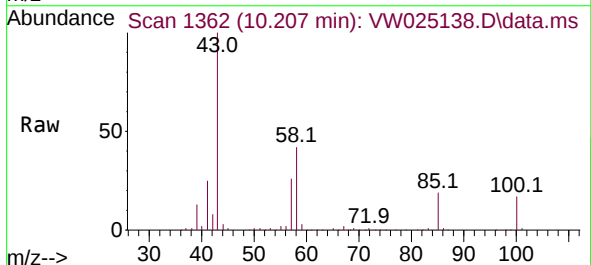
Tgt Ion: 43 Resp: 152622

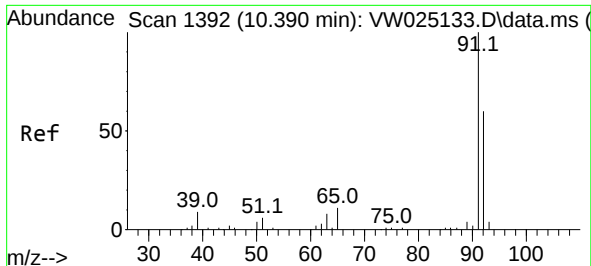
Ion Ratio Lower Upper

43 100

58 41.4 33.3 49.9

100 17.2 13.8 20.6

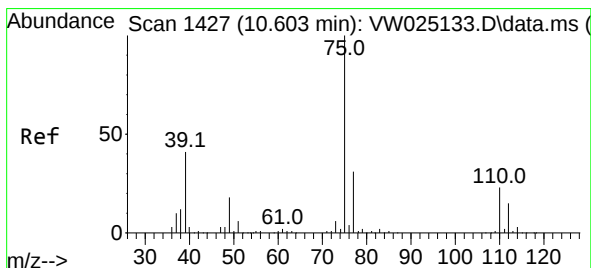
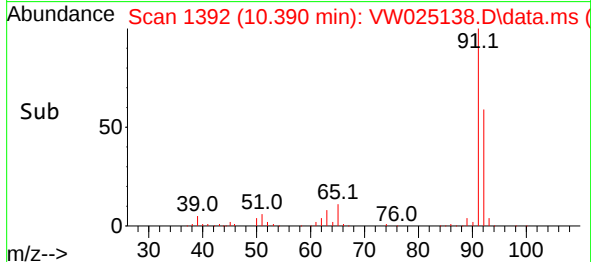
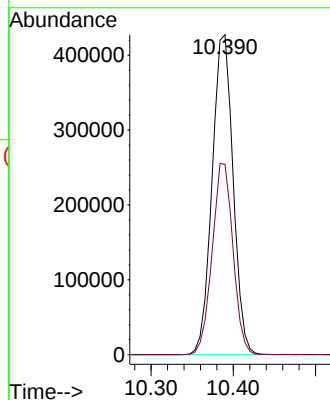
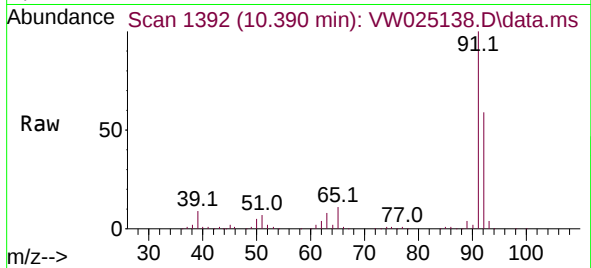




#42
Toluene
Concen: 27.525 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

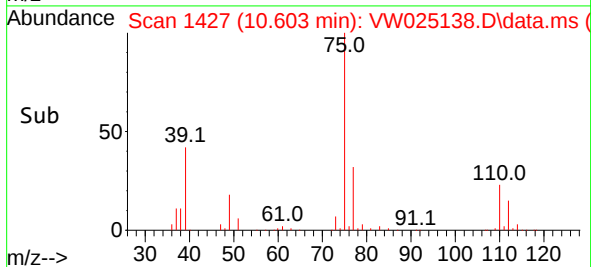
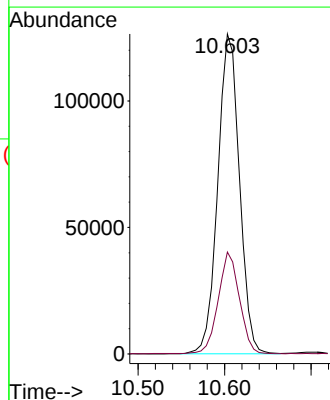
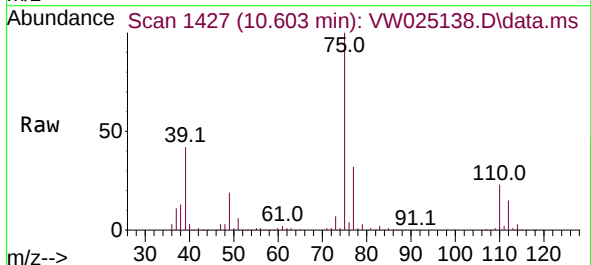
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

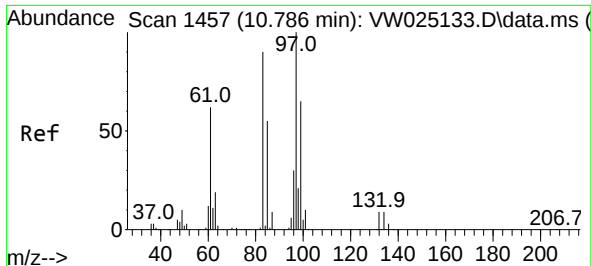
Tgt Ion: 91 Resp: 758115
Ion Ratio Lower Upper
91 100
92 59.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 26.427 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 75 Resp: 219252
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.7

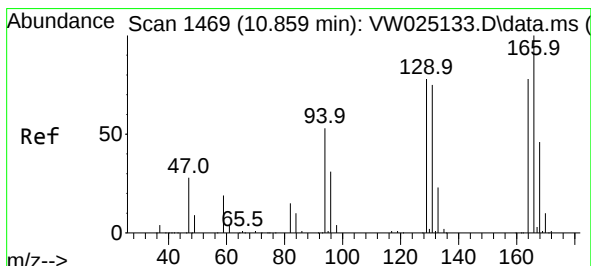
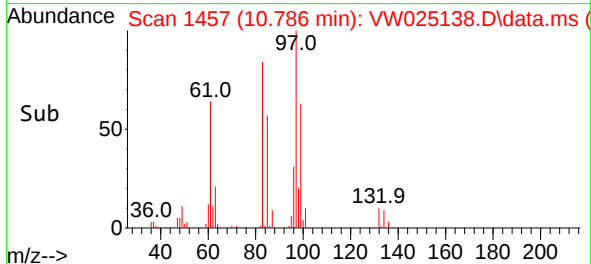
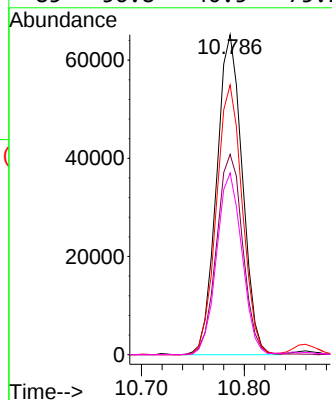
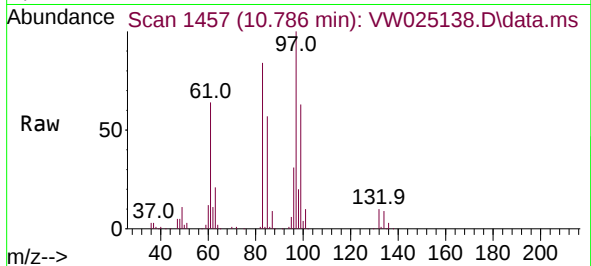




#45
1,1,2-Trichloroethane
Concen: 25.083 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

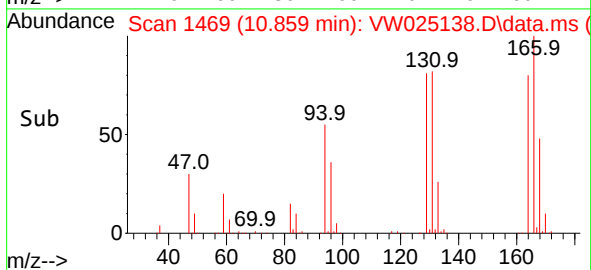
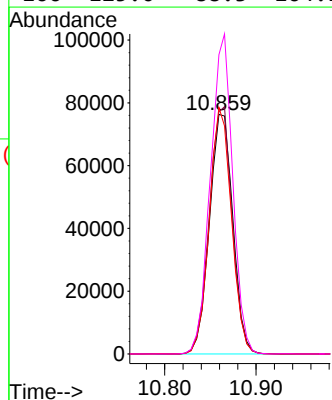
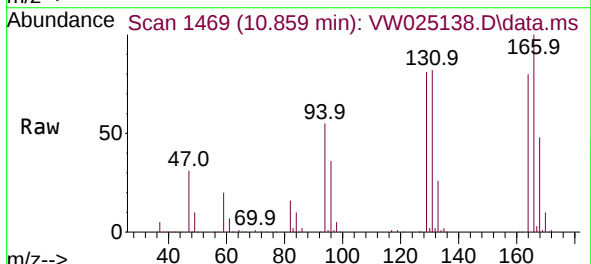
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

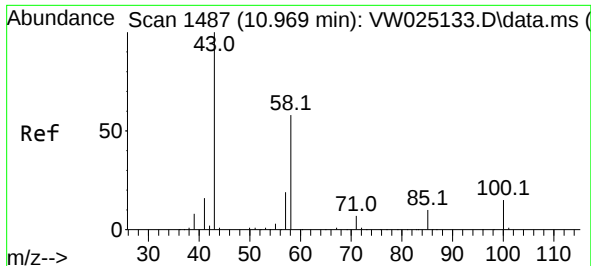
Tgt Ion:	97	Resp:	113490
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.3	82.3
83	84.3	61.3	113.9
85	56.8	40.5	75.1



#46
Tetrachloroethene
Concen: 27.037 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion:	164	Resp:	135528
Ion	Ratio	Lower	Upper
164	100		
129	101.2	73.4	136.4
131	103.0	70.8	131.4
166	125.0	88.3	164.1

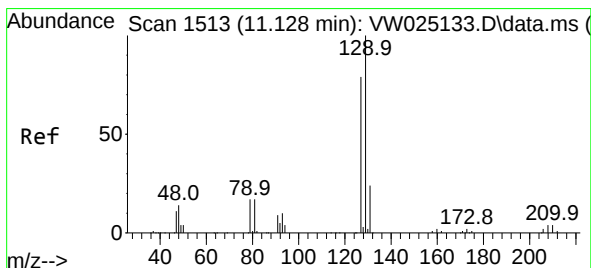
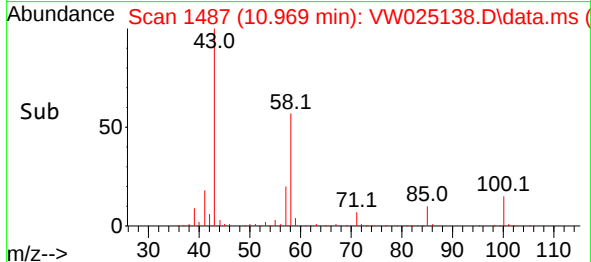
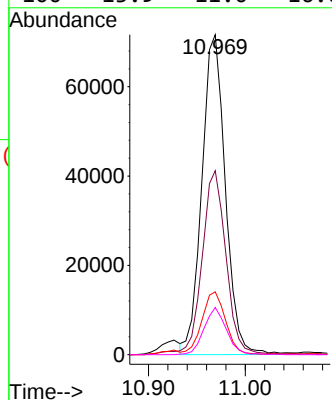
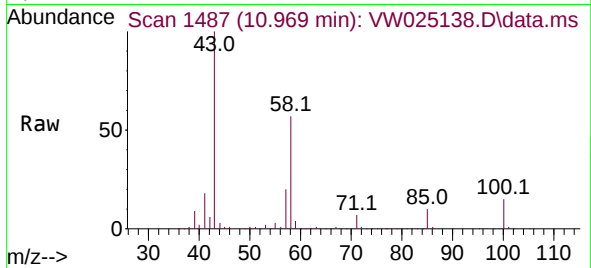




#48
2-Hexanone
Concen: 50.936 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

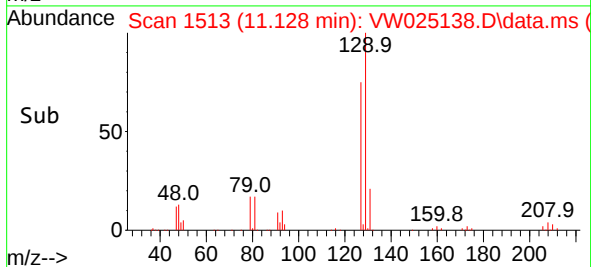
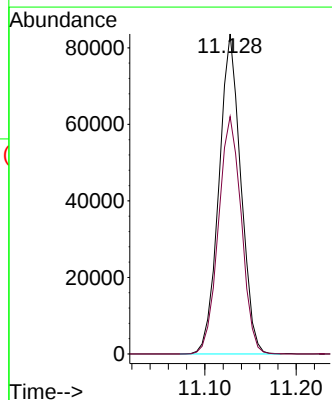
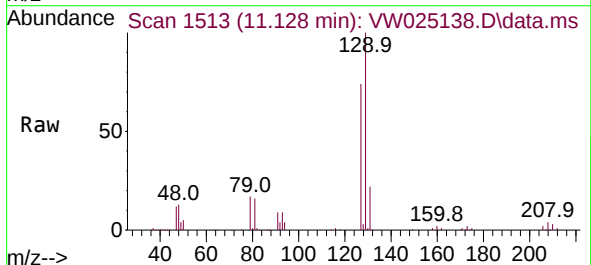
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

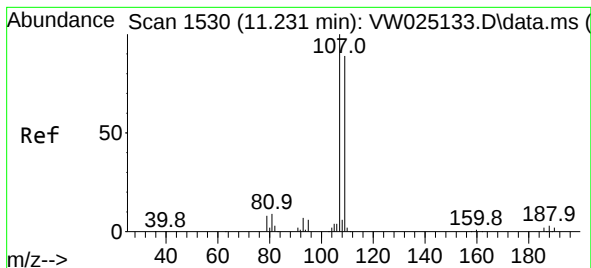
Tgt Ion:	43	Resp:	120922
Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.6	69.8
57	20.0	16.7	25.1
100	13.9	11.0	16.6



#49
Dibromochloromethane
Concen: 25.594 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion:	129	Resp:	139079
Ion	Ratio	Lower	Upper
129	100		
127	74.2	49.7	92.3

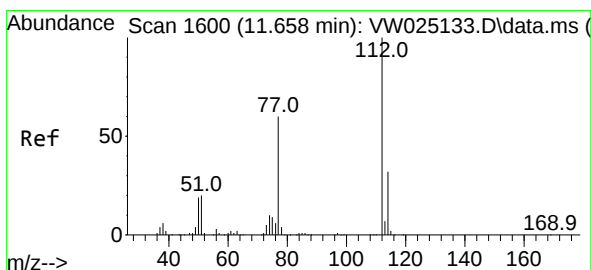
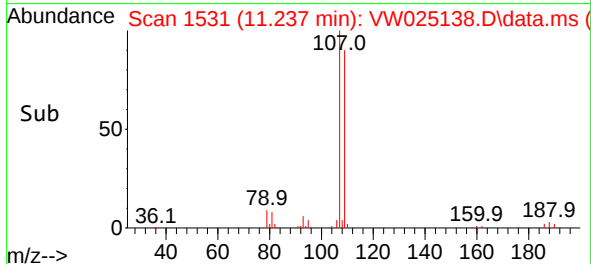
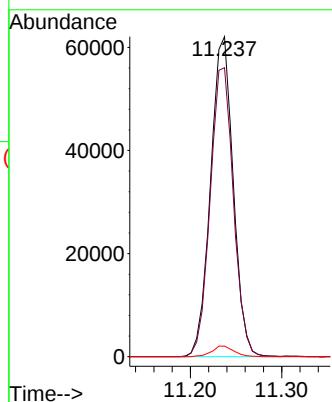
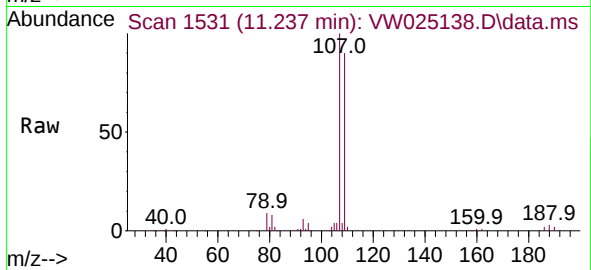




#50
1,2-Dibromoethane
Concen: 25.392 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

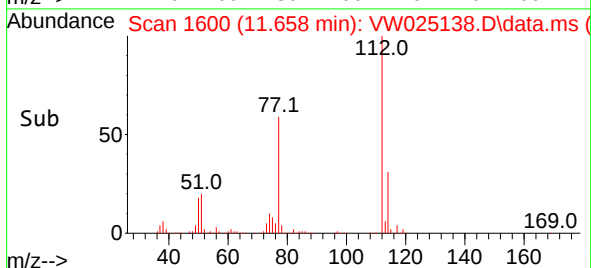
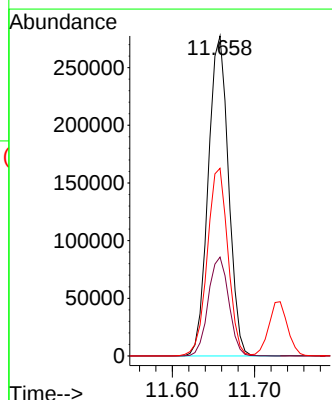
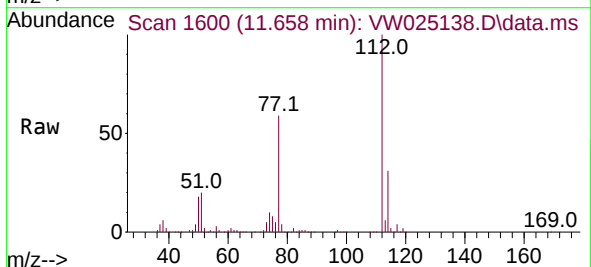
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

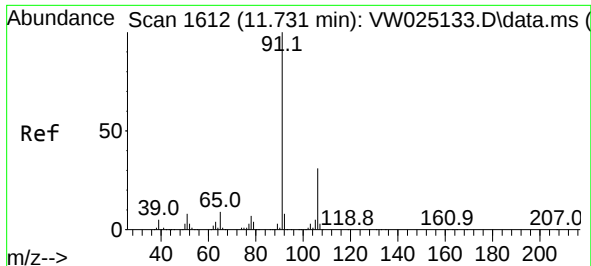
Tgt Ion:107 Resp: 106965
Ion Ratio Lower Upper
107 100
109 90.3 66.8 124.2
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 27.013 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion:112 Resp: 476136
Ion Ratio Lower Upper
112 100
114 30.9 23.2 43.2
77 58.6 47.2 70.8

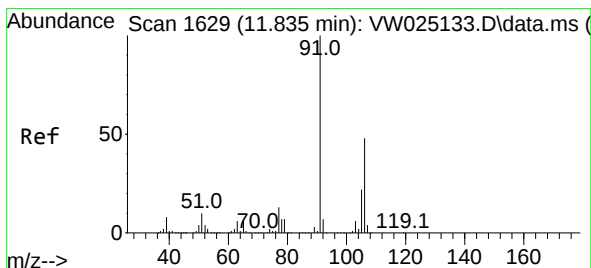
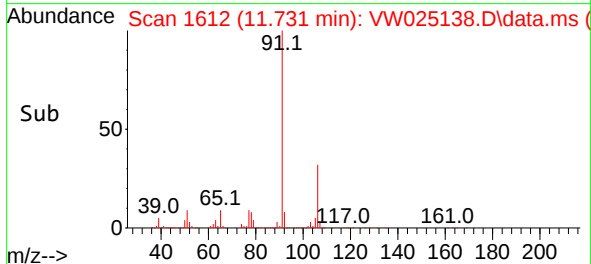
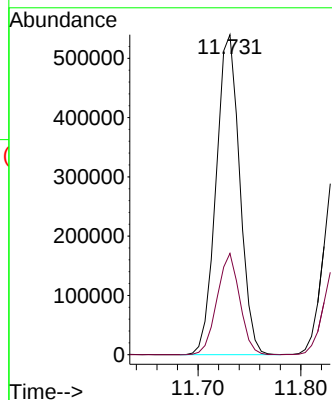
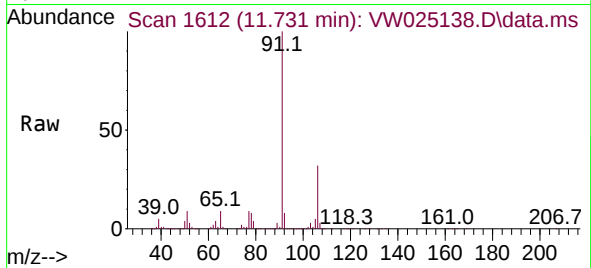




#52
Ethylbenzene
Concen: 27.570 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

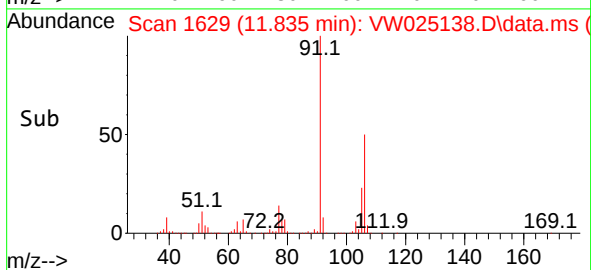
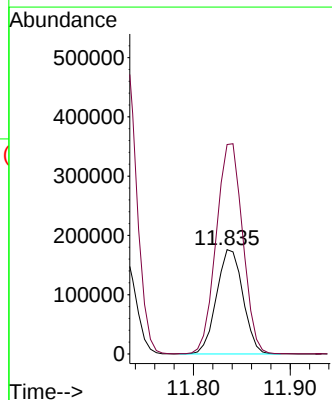
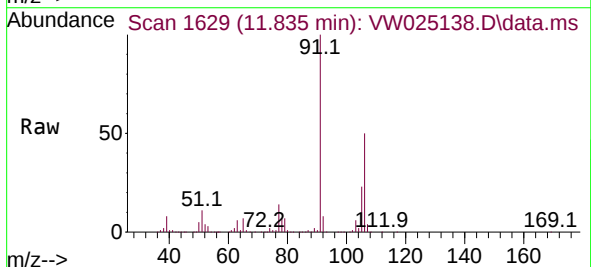
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

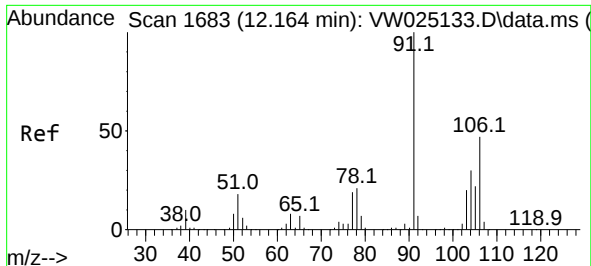
Tgt Ion: 91 Resp: 860543
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 27.924 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 106 Resp: 332845
Ion Ratio Lower Upper
106 100
91 200.7 139.7 259.4

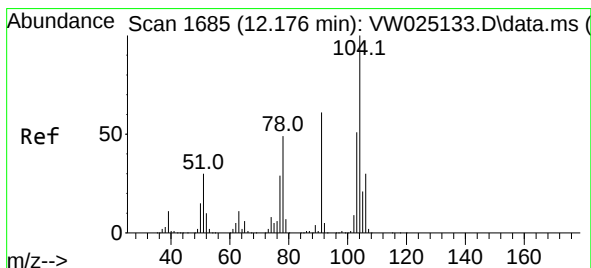
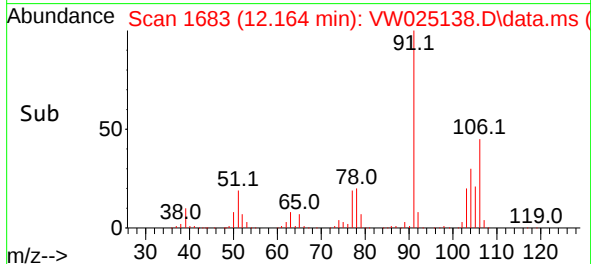
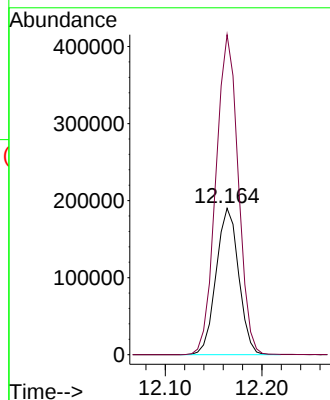
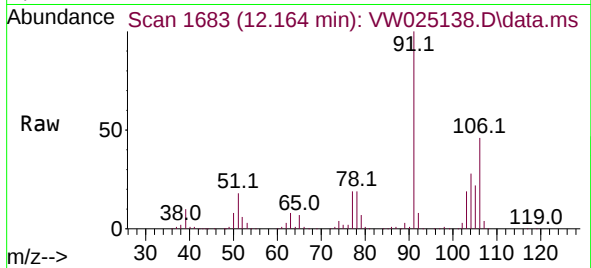




#54
o-Xylene
Concen: 27.103 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

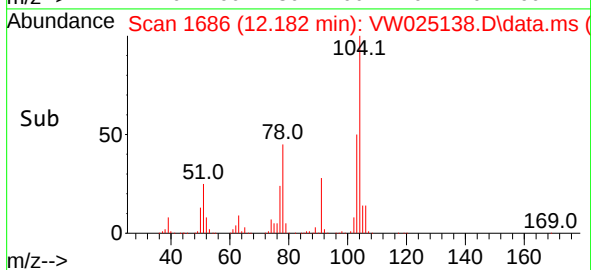
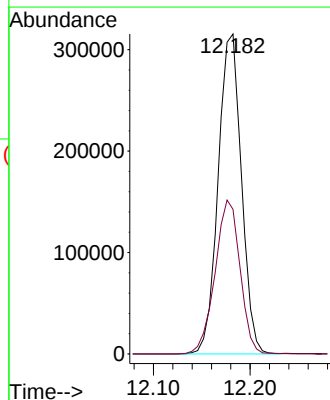
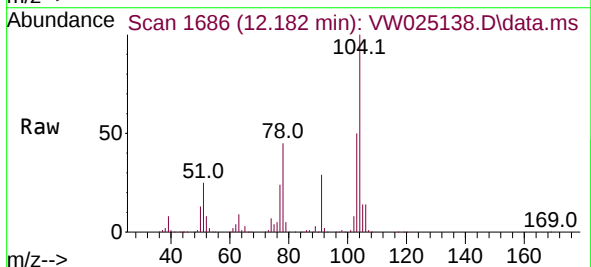
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

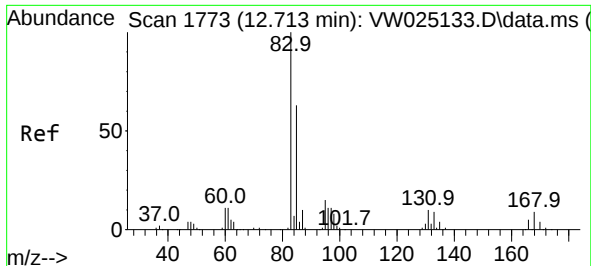
Tgt Ion:106 Resp: 307893
Ion Ratio Lower Upper
106 100
91 218.4 148.8 276.4



#55
Styrene
Concen: 27.357 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion:104 Resp: 526309
Ion Ratio Lower Upper
104 100
78 45.2 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.924 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

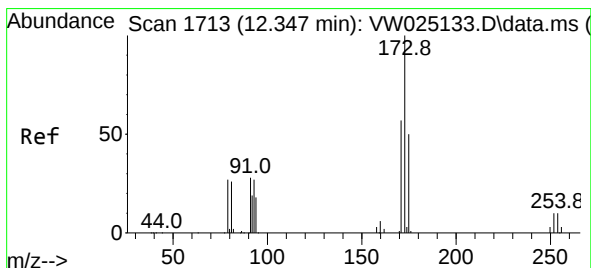
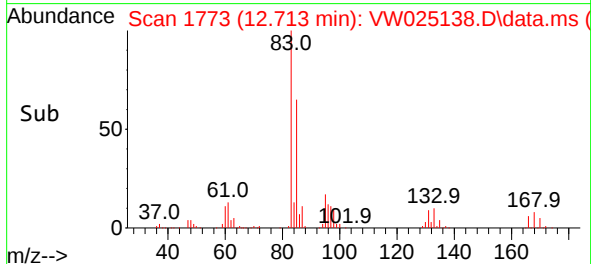
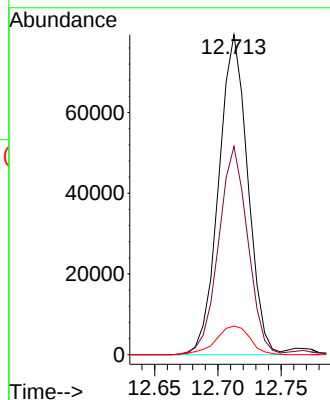
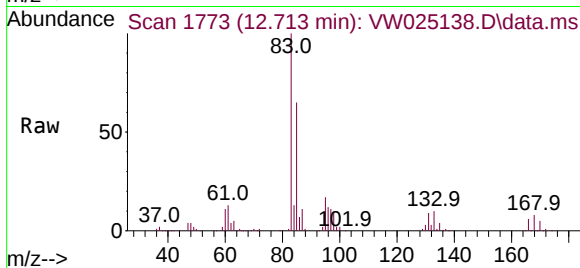
Tgt Ion: 83 Resp: 126593

Ion Ratio Lower Upper

83 100

85 65.1 46.8 87.0

131 9.0 8.2 12.2



#59

Bromoform

Concen: 24.779 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

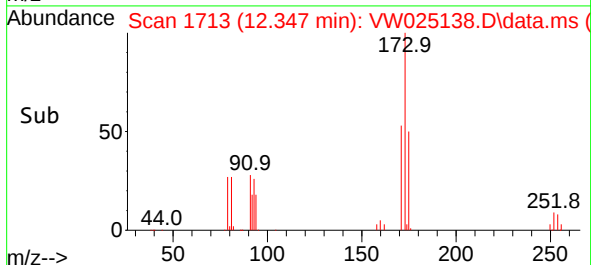
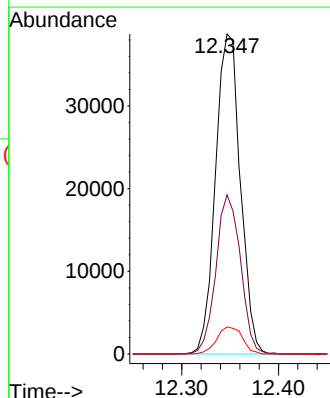
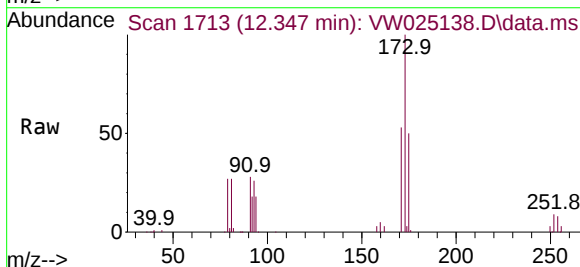
Tgt Ion:173 Resp: 69087

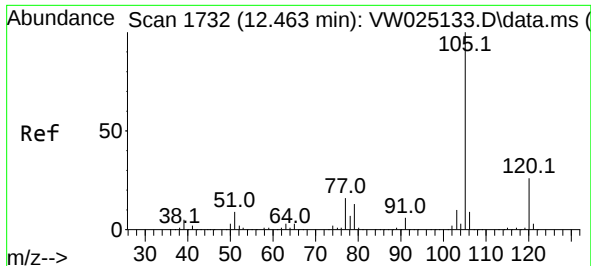
Ion Ratio Lower Upper

173 100

175 49.0 37.4 56.0

254 8.7 6.8 10.2

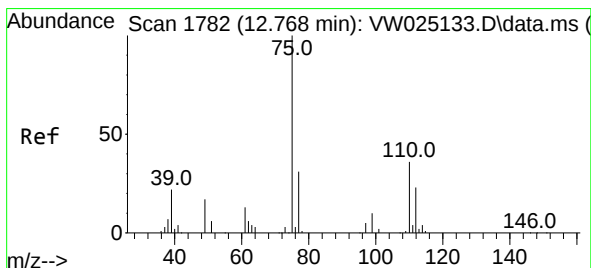
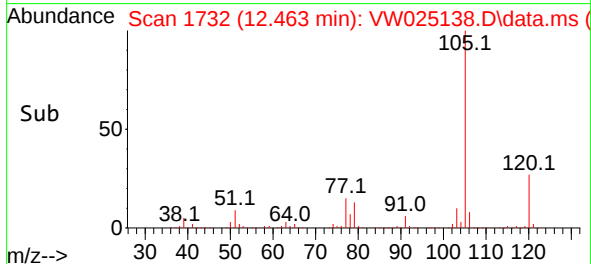
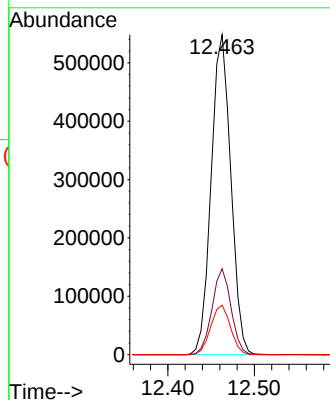
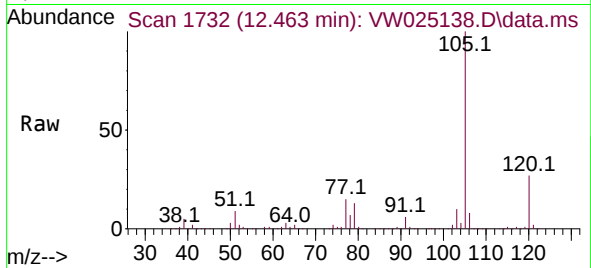




#60
Isopropylbenzene
Concen: 27.749 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

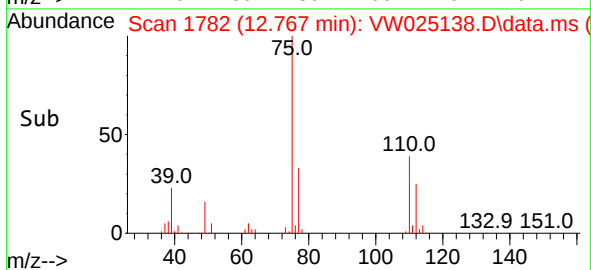
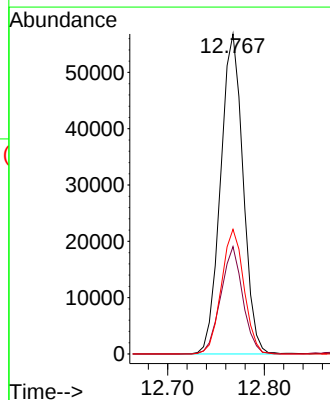
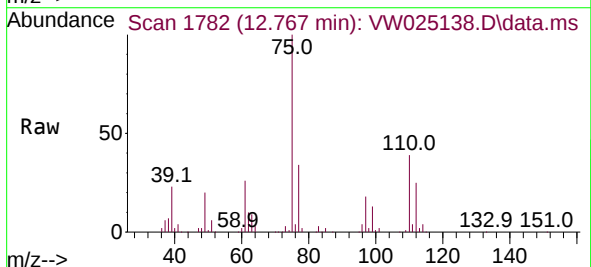
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

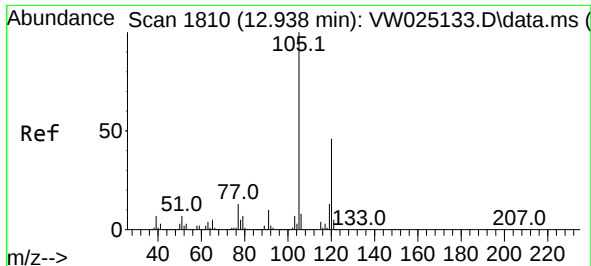
Tgt Ion:105 Resp: 863581
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.513 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion: 75 Resp: 91761
Ion Ratio Lower Upper
75 100
77 32.7 26.6 40.0
110 39.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 27.842 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

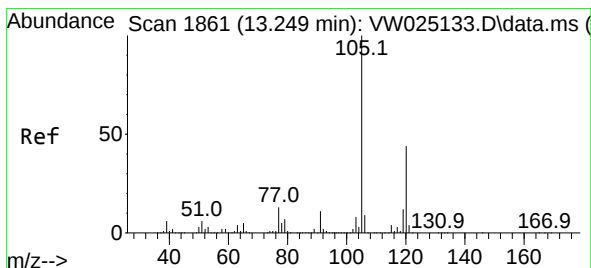
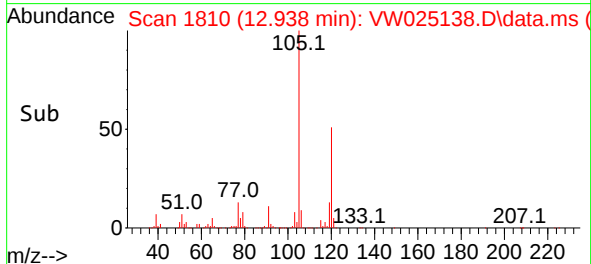
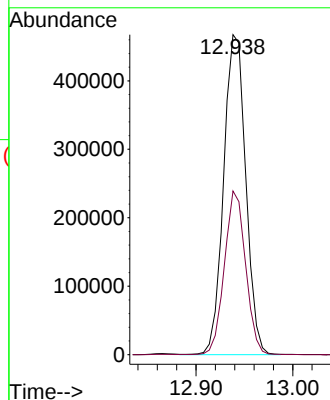
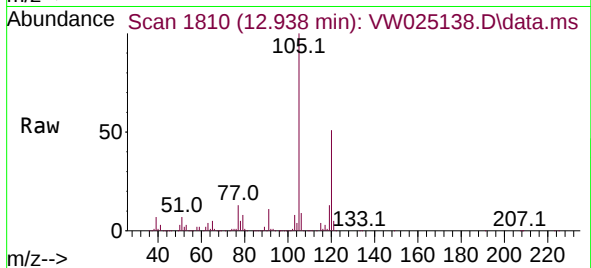
VSTD025510

Tgt Ion:105 Resp: 742210

Ion Ratio Lower Upper

105 100

120 48.9 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 28.142 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025138.D

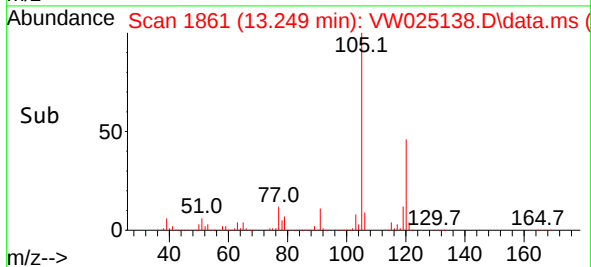
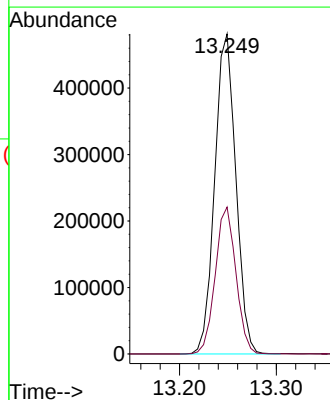
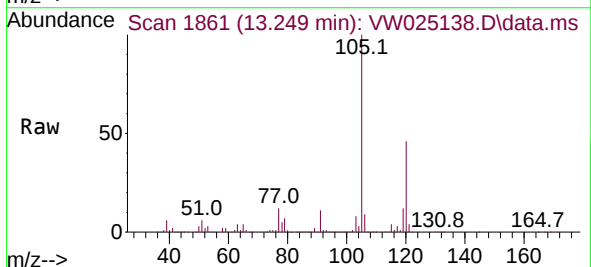
Acq: 13 Dec 2022 09:28

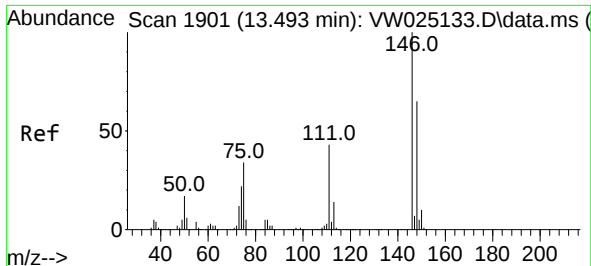
Tgt Ion:105 Resp: 728808

Ion Ratio Lower Upper

105 100

120 44.9 36.1 54.1

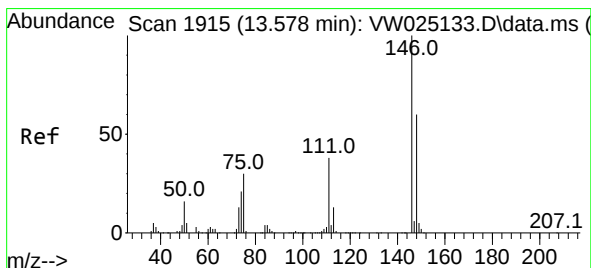
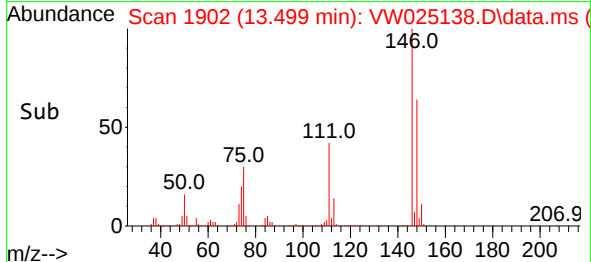
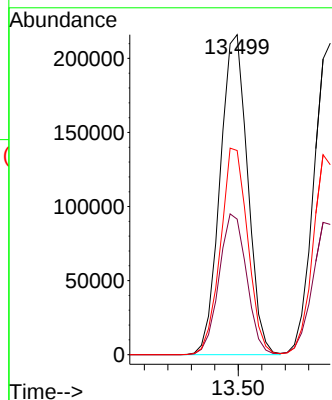
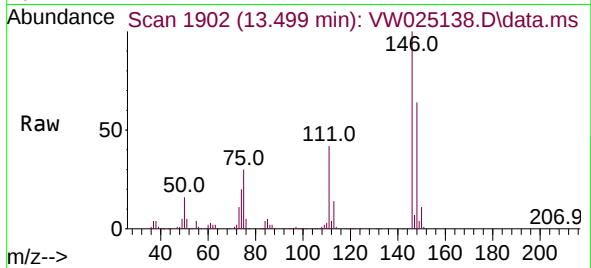




#64
1,3-Dichlorobenzene
Concen: 27.621 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

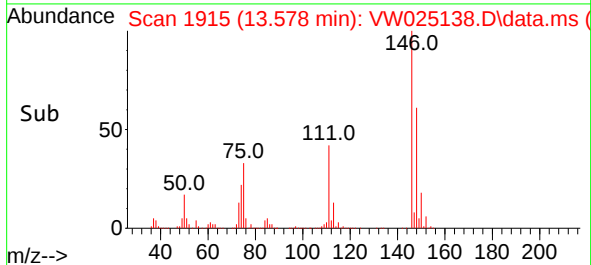
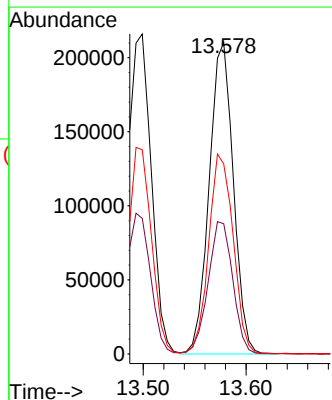
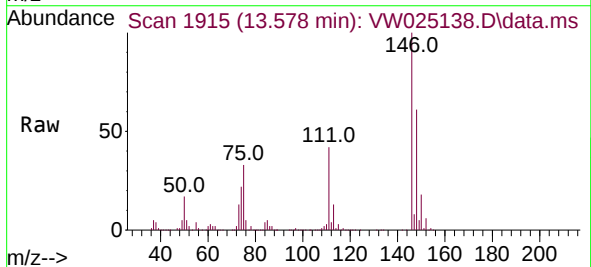
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

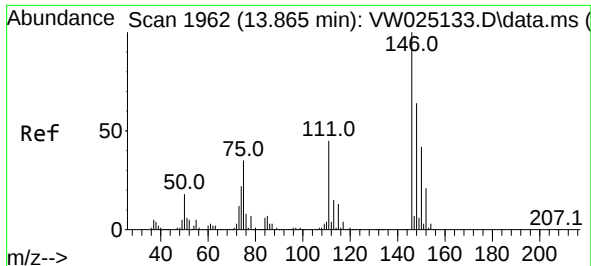
Tgt Ion:146 Resp: 351913
Ion Ratio Lower Upper
146 100
111 42.4 30.2 56.0
148 63.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 26.736 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025138.D
Acq: 13 Dec 2022 09:28

Tgt Ion:146 Resp: 343042
Ion Ratio Lower Upper
146 100
111 41.8 27.4 51.0
148 61.0 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 23.144 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

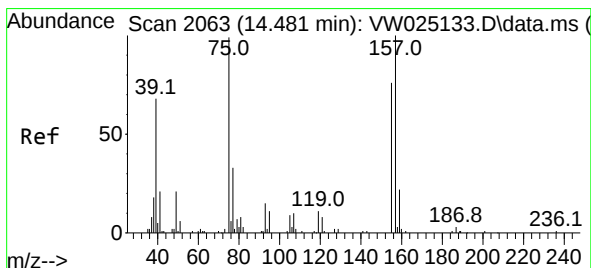
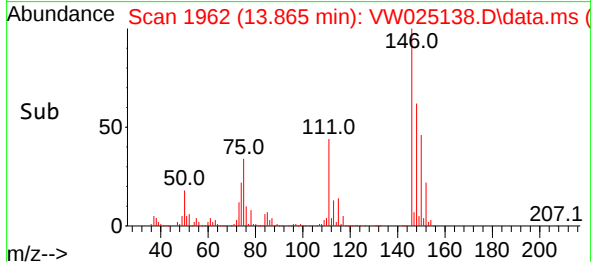
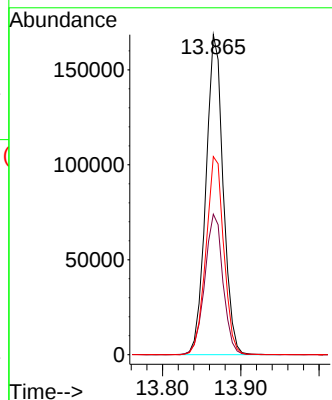
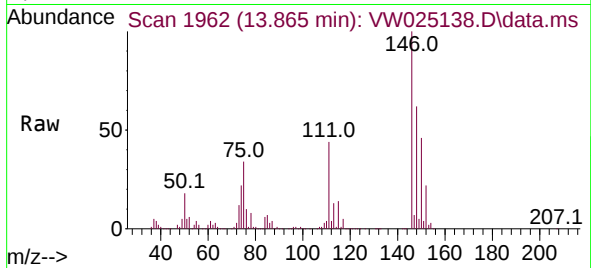
Tgt Ion:146 Resp: 257160

Ion Ratio Lower Upper

146 100

111 43.9 34.3 51.5

148 61.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 19.312 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

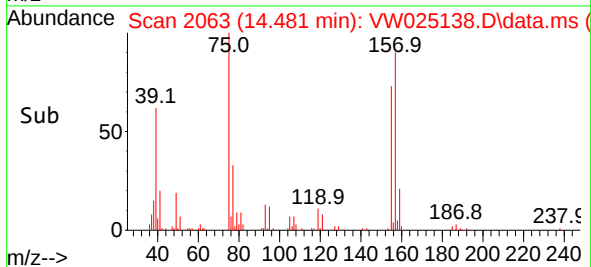
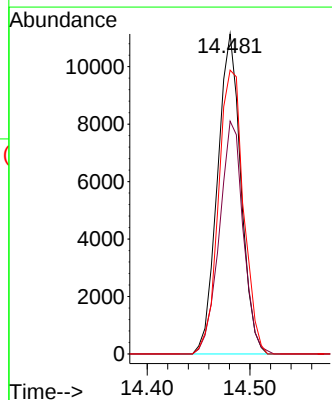
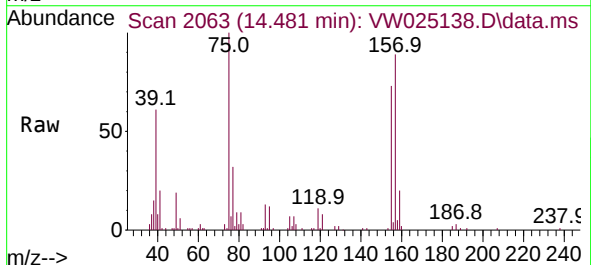
Tgt Ion: 75 Resp: 17572

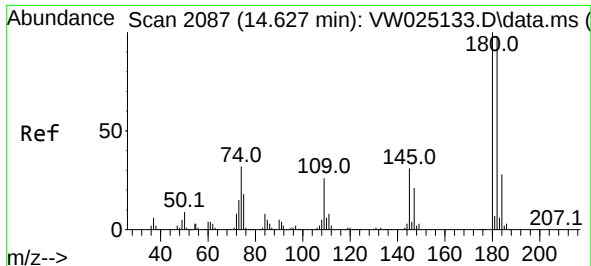
Ion Ratio Lower Upper

75 100

155 72.8 60.3 90.5

157 88.7 84.9 127.3

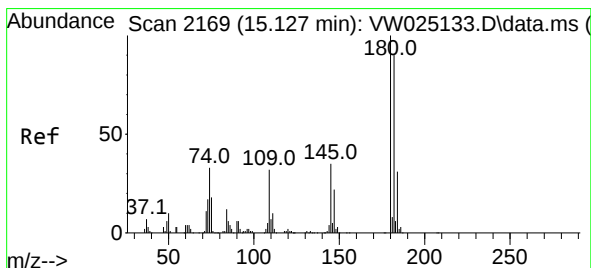
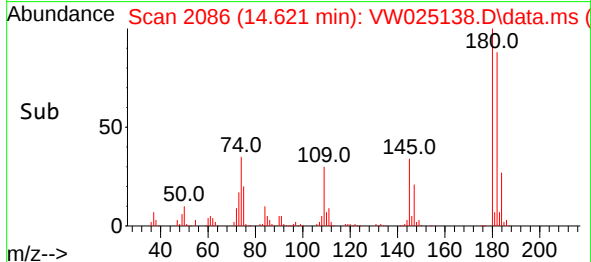
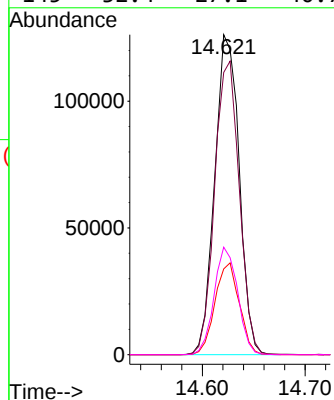
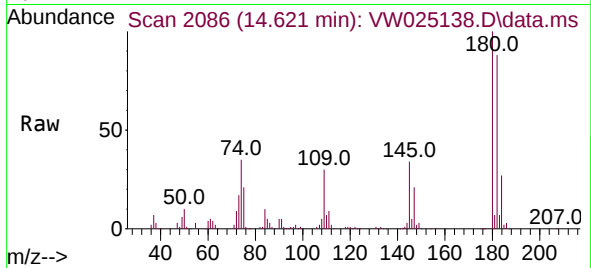




#69
 1,3,5-Trichlorobenzene
 Concen: 23.039 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW025138.D
 Acq: 13 Dec 2022 09:28

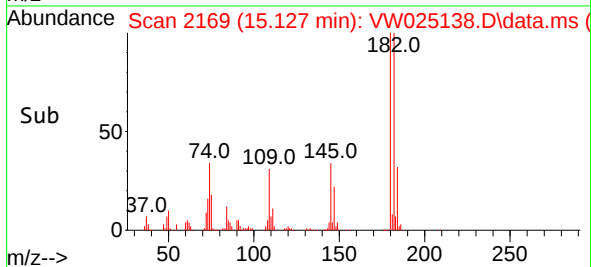
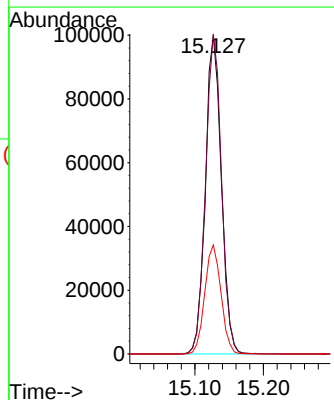
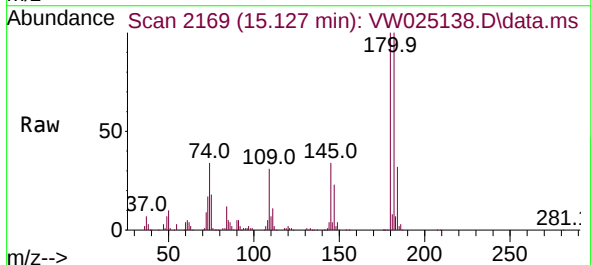
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

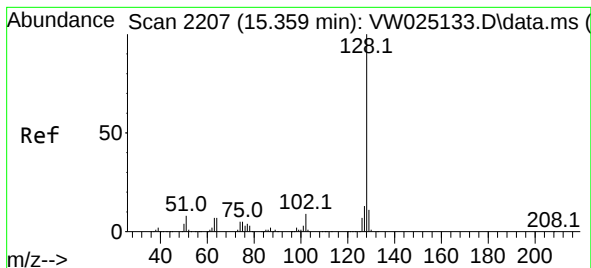
Tgt Ion:180	Resp:	208429
Ion Ratio	Lower	Upper
180	100	
182	92.6	77.8 116.6
184	28.6	24.3 36.5
145	32.4	27.1 40.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.317 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW025138.D
 Acq: 13 Dec 2022 09:28

Tgt Ion:180	Resp:	161992
Ion Ratio	Lower	Upper
180	100	
182	100.3	77.2 115.8
145	34.9	26.9 40.3





#71

Naphthalene

Concen: 19.528 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025510

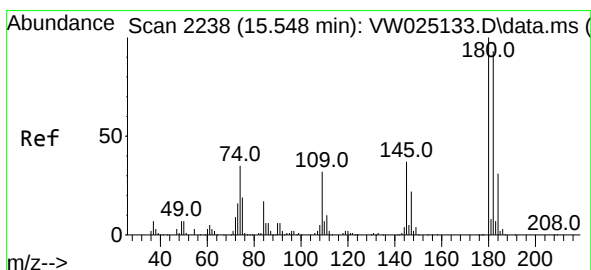
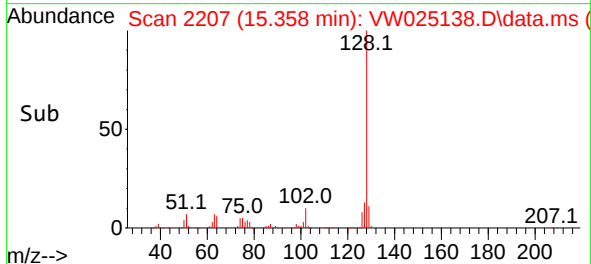
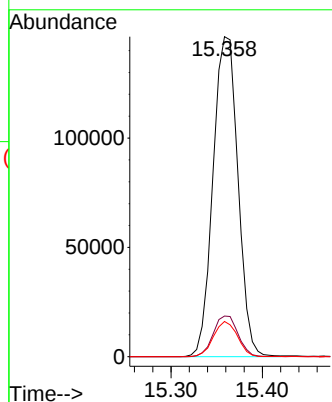
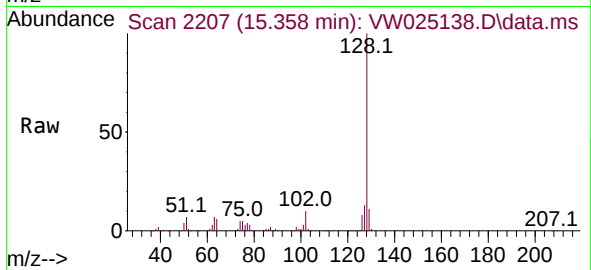
Tgt Ion:128 Resp: 277877

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 20.709 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025138.D

Acq: 13 Dec 2022 09:28

Tgt Ion:180 Resp: 131738

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 35.9 29.6 44.4

