

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111822\
 Data File : VW025086.D
 Acq On : 18 Nov 2022 08:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 19 04:30:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	425016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	371860	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104682	21.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
7) Chloroethane-d5	2.891	69	84204	30.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.520%
11) 1,1-Dichloroethene-d2	4.019	63	270321	22.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.000%
21) 2-Butanone-d5	7.080	46	70875	44.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.040%
24) Chloroform-d	7.653	84	322089	24.971	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	8.305	65	154221	21.360	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.440%
32) Benzene-d6	8.275	84	636743	26.715	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.840%
36) 1,2-Dichloropropane-d6	9.274	67	191018	27.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.323	98	561349	25.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	10.579	79	70175	22.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.640%
47) 2-Hexanone-d5	10.920	63	56216	46.599	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136952	24.560	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	181467	25.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	24946	17.597	ug/L	100
3) Chloromethane	2.215	50	97618	28.630	ug/L	99
5) Vinyl chloride	2.361	62	140063	29.730	ug/L	95
6) Bromomethane	2.782	94	67474	28.700	ug/L	96
8) Chloroethane	2.922	64	66611	33.895	ug/L	100
9) Trichlorofluoromethane	3.263	101	105442	26.680	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	147125	26.288	ug/L	99
12) 1,1-Dichloroethene	4.044	96	139476	26.455	ug/L	86
13) Acetone	4.129	43	51236	44.795	ug/L	100
14) Carbon disulfide	4.385	76	364916	23.695	ug/L	99
15) Methyl Acetate	4.678	43	49556	21.762	ug/L	99
16) Methylene chloride	4.921	84	150262	19.912	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	146192	25.896	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	216584	22.871	ug/L	98
19) 1,1-Dichloroethane	6.220	63	286990	27.458	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	161895	26.311	ug/L	96
22) 2-Butanone	7.177	43	67746	39.533	ug/L	99
23) Bromochloromethane	7.519	128	65876	24.696	ug/L	94
25) Chloroform	7.677	83	291481	26.424	ug/L	96

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 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

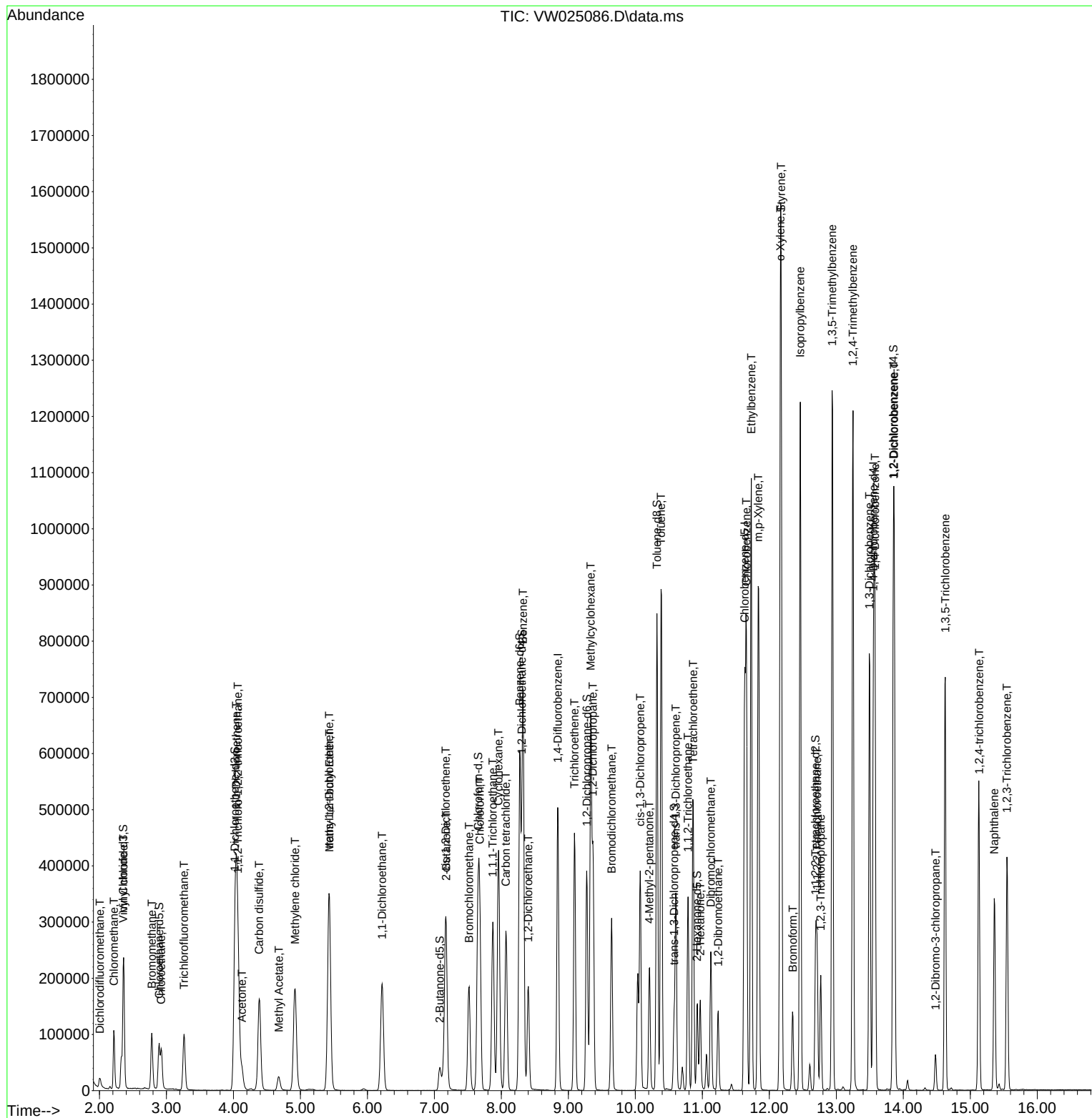
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	168948	22.580	ug/L	98
29) Cyclohexane	7.957	56	243977	27.786	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	242086	26.603	ug/L	99
31) Carbon tetrachloride	8.067	117	216860	26.669	ug/L	99
33) Benzene	8.323	78	637959	28.489	ug/L	100
34) Trichloroethene	9.091	95	164385	27.731	ug/L	96
35) Methylcyclohexane	9.335	83	276436	27.444	ug/L	99
37) 1,2-Dichloropropane	9.366	63	158025	29.075	ug/L	100
38) Bromodichloromethane	9.646	83	206922	27.279	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	238520	27.760	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	144909	45.434	ug/L	99
42) Toluene	10.384	91	673898	28.346	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	193840	25.376	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	107580	26.216	ug/L	97
46) Tetrachloroethene	10.866	164	117647	27.751	ug/L	95
48) 2-Hexanone	10.969	43	100051	45.359	ug/L	99
49) Dibromochloromethane	11.128	129	127224	25.433	ug/L	97
50) 1,2-Dibromoethane	11.237	107	95495	24.605	ug/L	94
51) Chlorobenzene	11.658	112	420799	27.307	ug/L	97
52) Ethylbenzene	11.731	91	774919	28.238	ug/L	99
53) m,p-Xylene	11.835	106	296940	27.954	ug/L	94
54) o-Xylene	12.164	106	284540	28.393	ug/L	99
55) Styrene	12.176	104	487247	27.993	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	121060	24.591	ug/L	96
59) Bromoform	12.353	173	63279	24.523	ug/L	95
60) Isopropylbenzene	12.463	105	789553	28.785	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86049	23.476	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	677687	28.462	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	659165	28.232	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	313635	27.416	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	323516	28.341	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	289008	28.097	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17326	20.455	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	212350	28.025	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	165663	28.129	ug/L	97
71) Naphthalene	15.359	128	295513	23.786	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	130897	25.509	ug/L	97

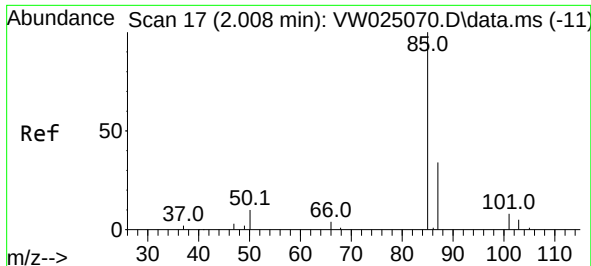
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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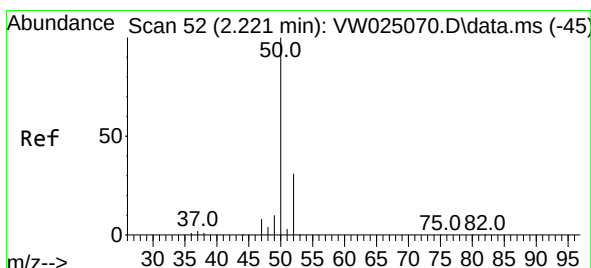
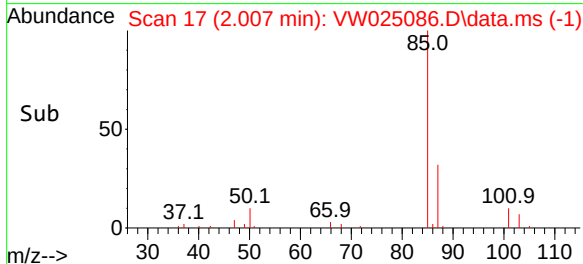
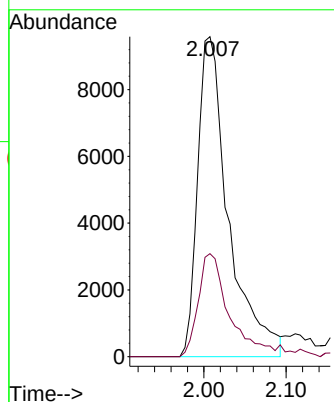
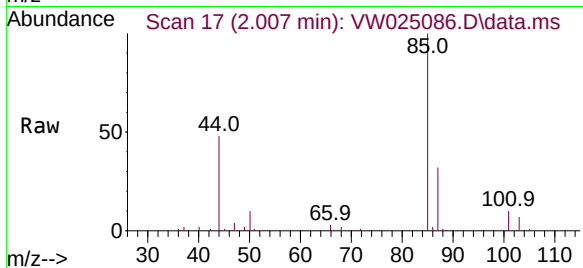




#2
 Dichlorodifluoromethane
 Concen: 17.597 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

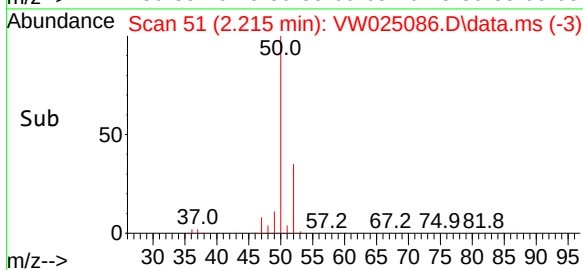
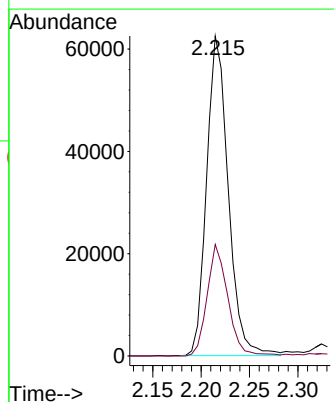
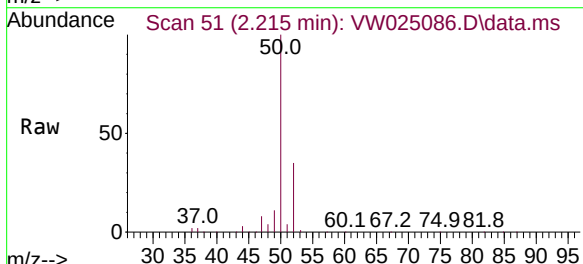
Instrument :
 MSVOA_W
 ClientSampleId :

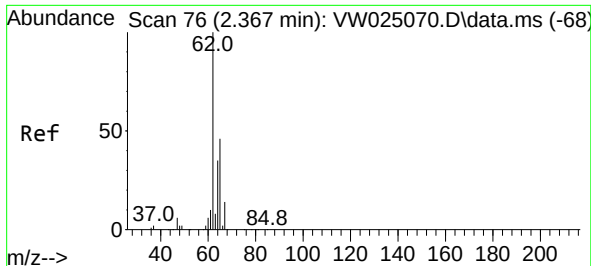
Tgt Ion: 85 Resp: 24946
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 28.630 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

Tgt Ion: 50 Resp: 97618
 Ion Ratio Lower Upper
 50 100
 52 34.9 24.1 44.8

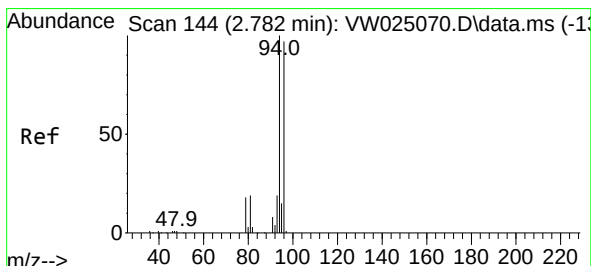
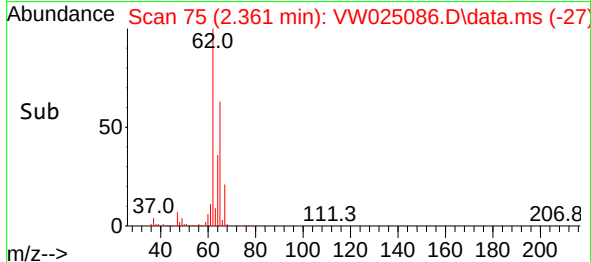
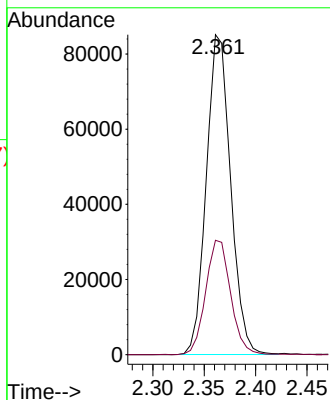
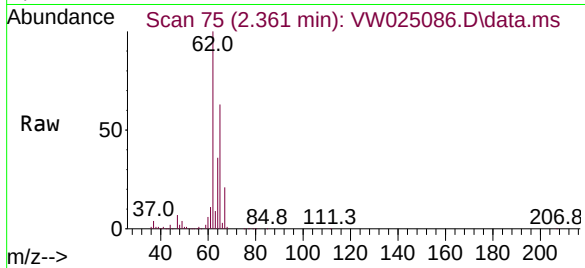




#5
 Vinyl chloride
 Concen: 29.730 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

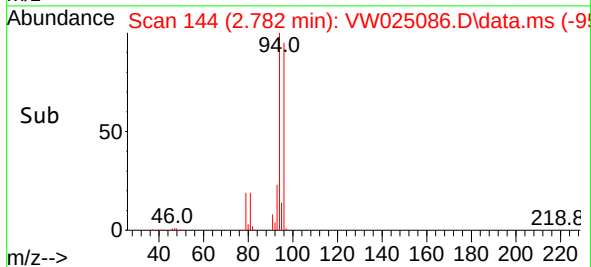
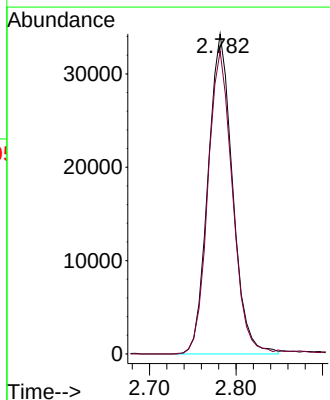
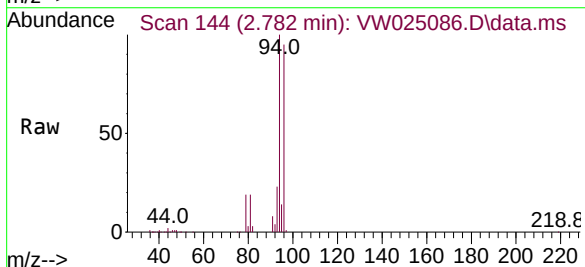
Instrument :
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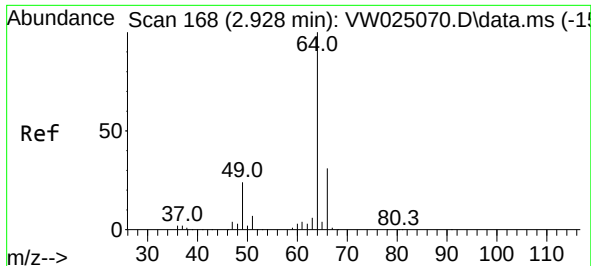
Tgt Ion: 62 Resp: 140063
 Ion Ratio Lower Upper
 62 100
 64 35.8 27.2 50.6



#6
 Bromomethane
 Concen: 28.700 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

Tgt Ion: 94 Resp: 67474
 Ion Ratio Lower Upper
 94 100
 96 94.6 63.8 118.6

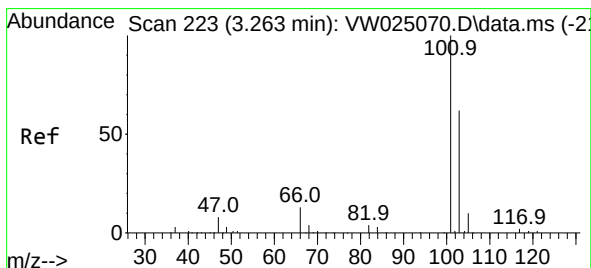
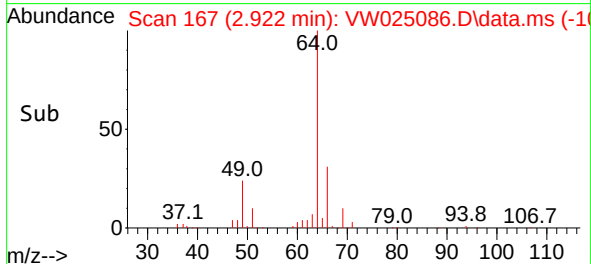
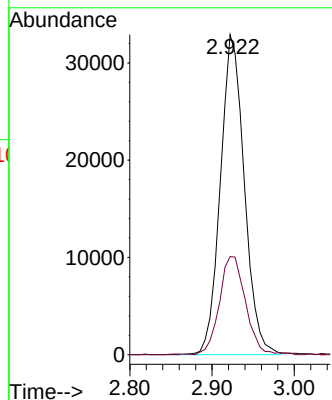
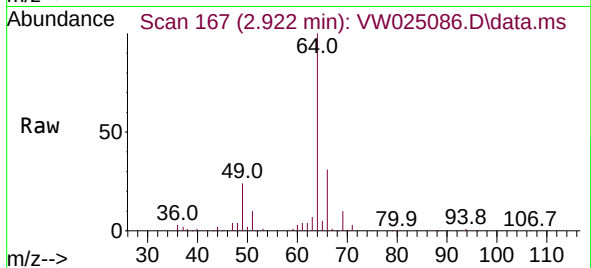




#8
Chloroethane
Concen: 33.895 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

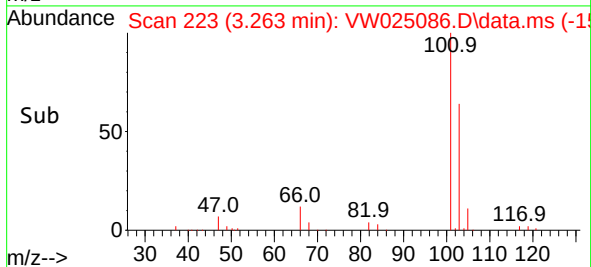
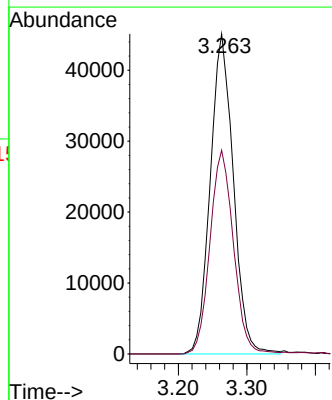
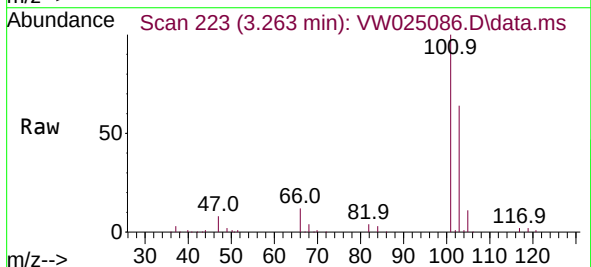
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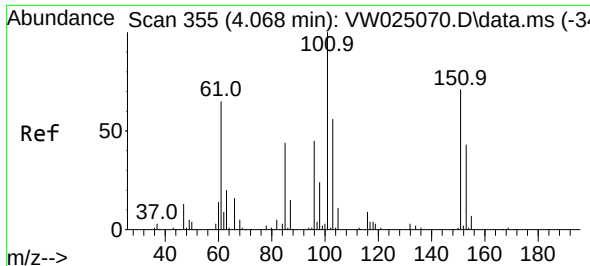
Tgt Ion: 64 Resp: 66611
Ion Ratio Lower Upper
64 100
66 30.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 26.680 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 101 Resp: 105442
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

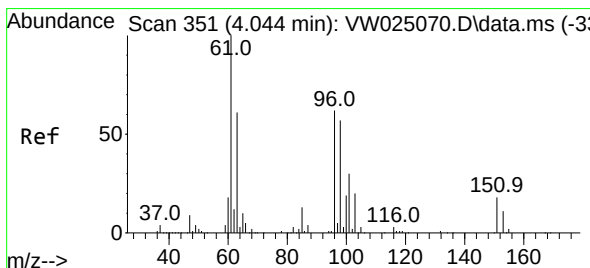
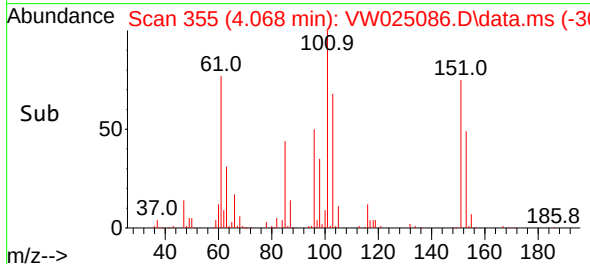
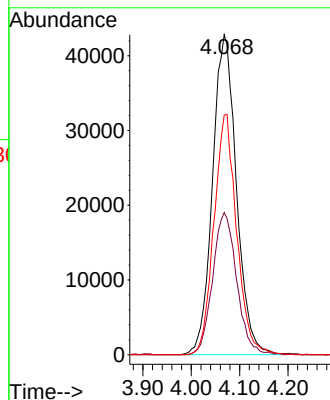
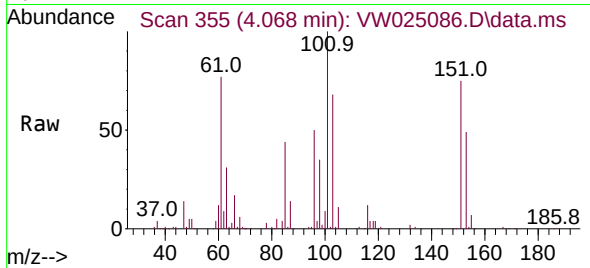




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.288 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

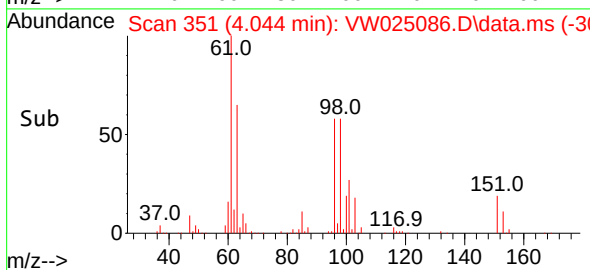
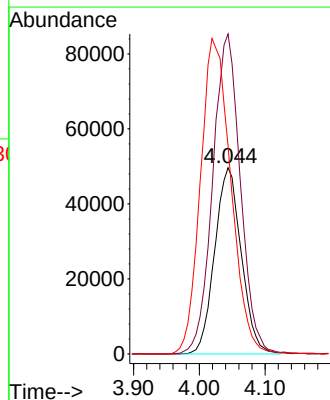
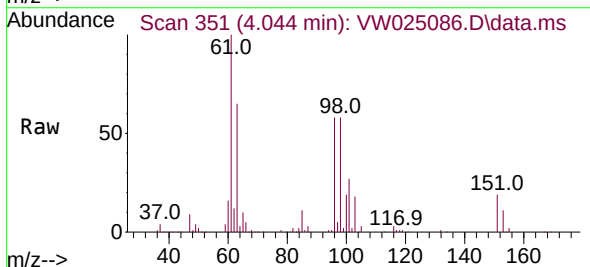
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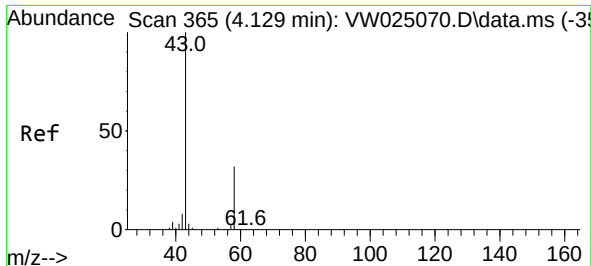
Tgt Ion:101 Resp: 147125
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.5 54.7
 151 71.4 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 26.455 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

Tgt Ion: 96 Resp: 139476
 Ion Ratio Lower Upper
 96 100
 61 171.8 126.2 234.4
 63 111.7 98.3 182.7





#13

Acetone

Concen: 44.795 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

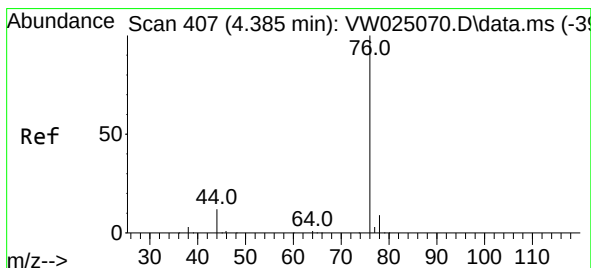
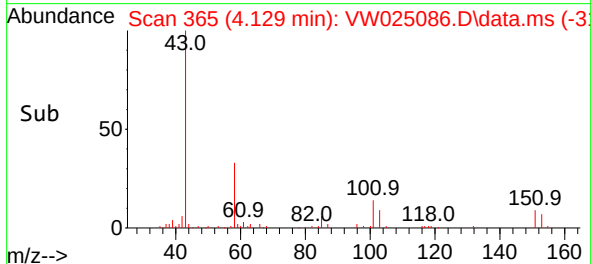
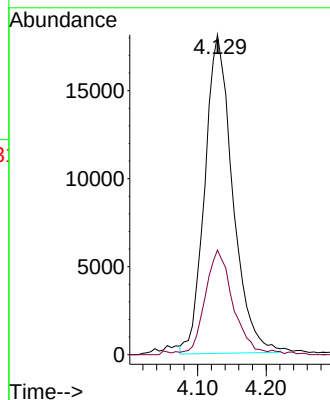
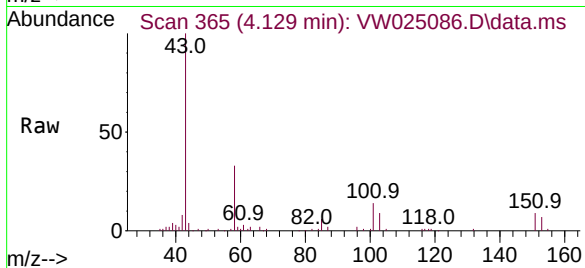
ClientSampleId :

Tgt Ion: 43 Resp: 51236

Ion Ratio Lower Upper

43 100

58 32.8 0.0 65.4



#14

Carbon disulfide

Concen: 23.695 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW025086.D

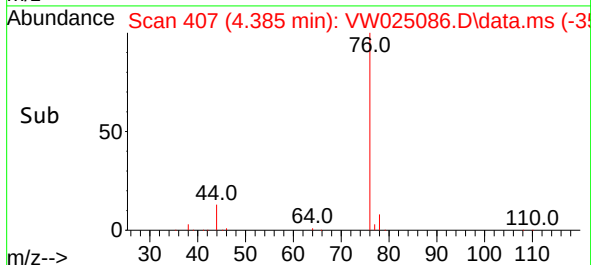
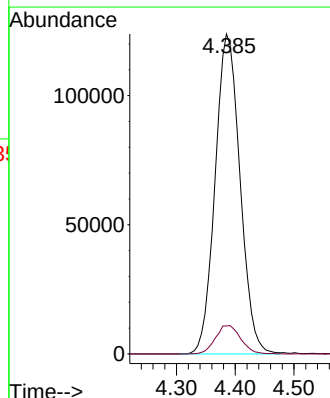
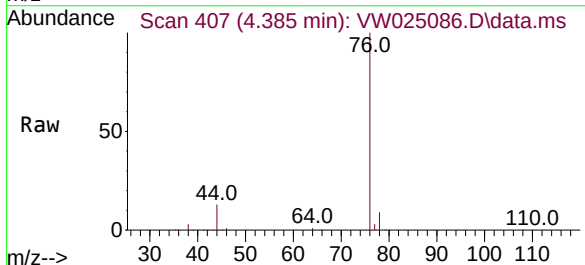
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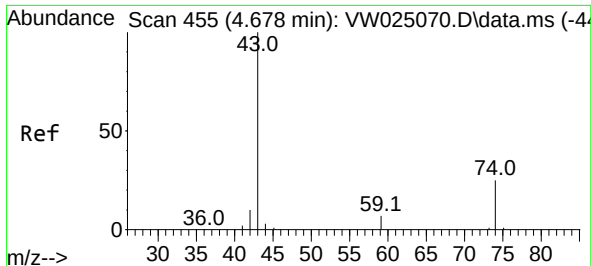
Tgt Ion: 76 Resp: 364916

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2

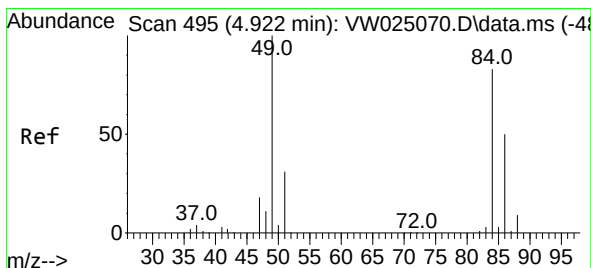
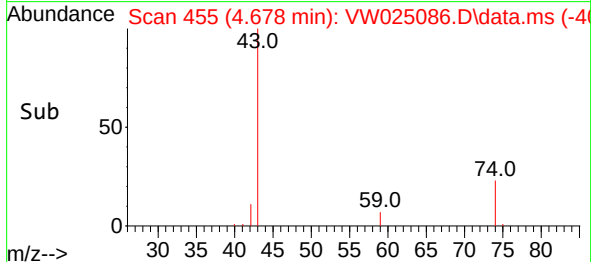
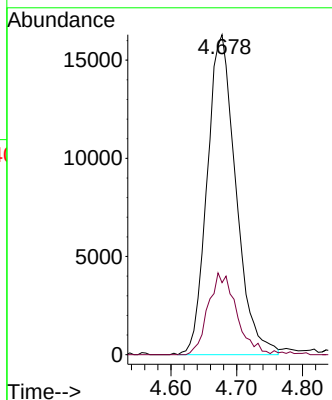
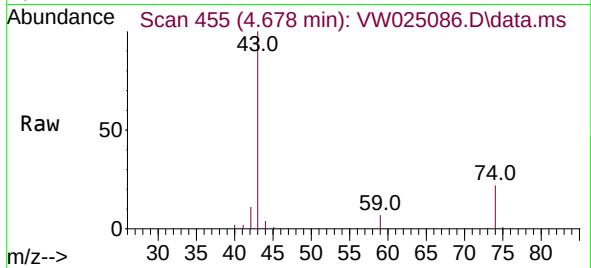




#15
Methyl Acetate
Concen: 21.762 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

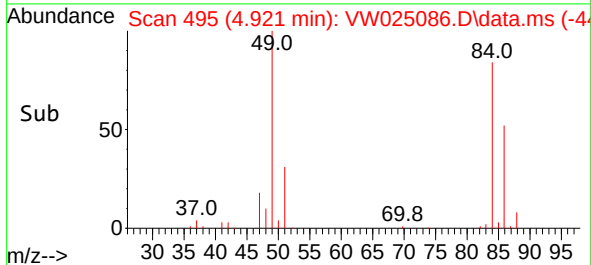
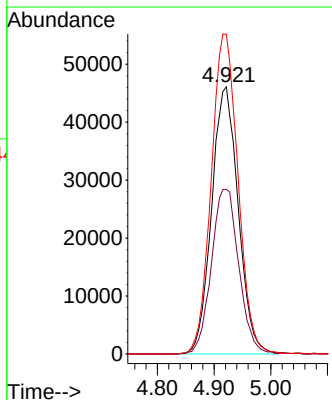
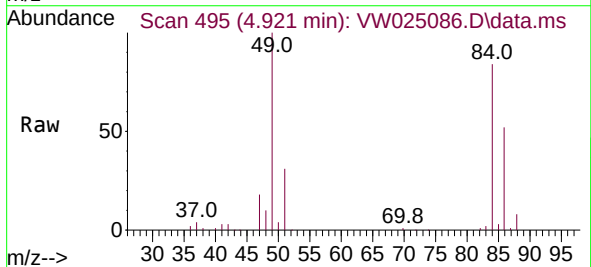
Instrument :
MSVOA_W
ClientSampleId :

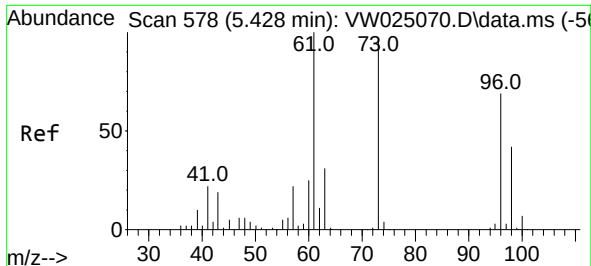
Tgt Ion: 43 Resp: 49556
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8



#16
Methylene chloride
Concen: 19.912 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 84 Resp: 150262
Ion Ratio Lower Upper
84 100
86 61.7 42.6 79.0
49 119.7 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 25.896 ug/L

RT: 5.427 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

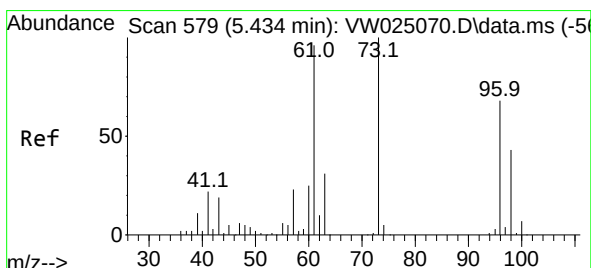
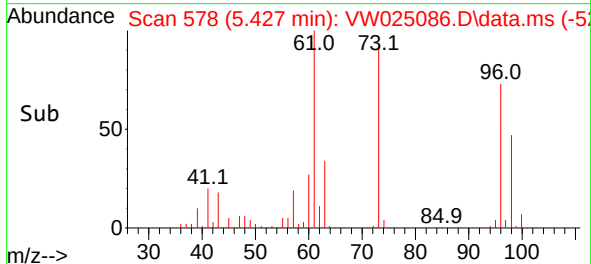
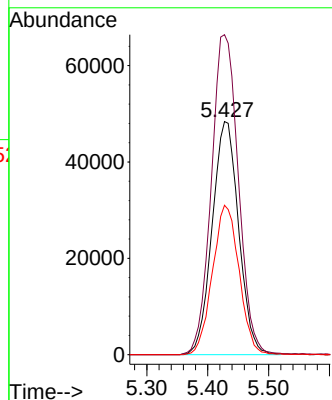
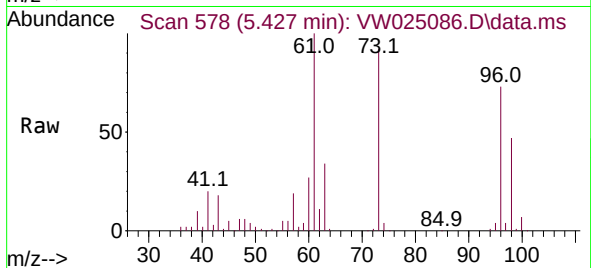
Tgt Ion: 96 Resp: 146192

Ion Ratio Lower Upper

96 100

61 137.3 97.6 181.2

98 64.1 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 22.871 ug/L

RT: 5.434 min Scan# 579

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

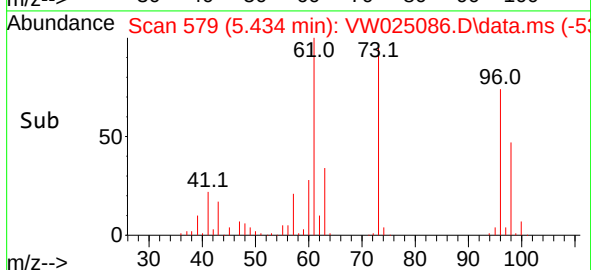
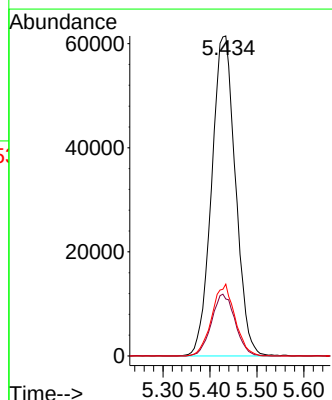
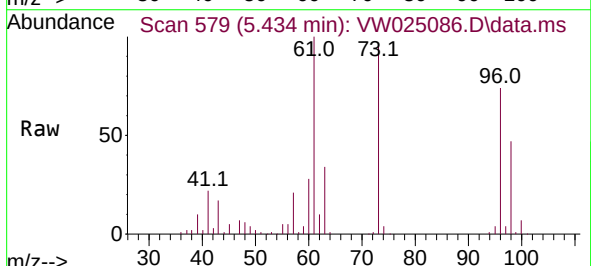
Tgt Ion: 73 Resp: 216584

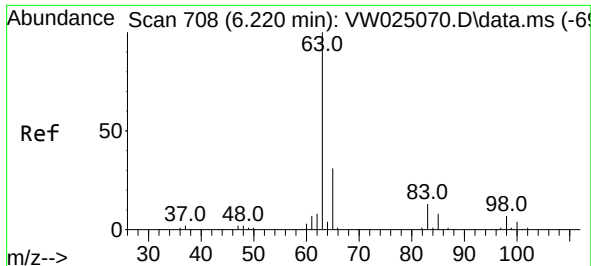
Ion Ratio Lower Upper

73 100

43 19.1 16.6 24.8

57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 27.458 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

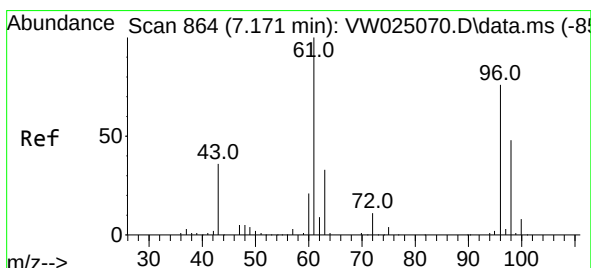
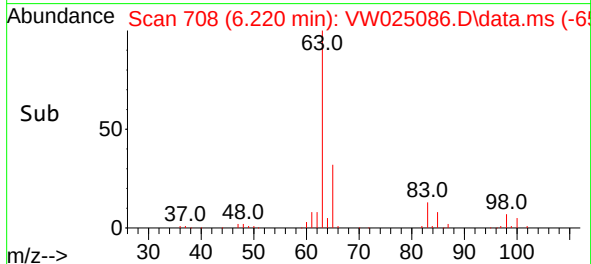
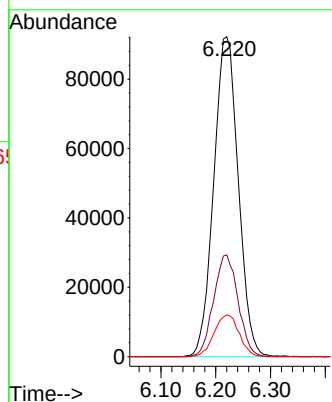
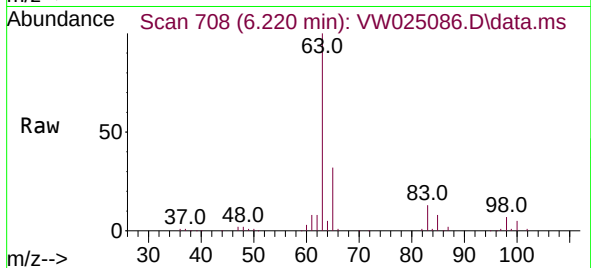
Tgt Ion: 63 Resp: 286990

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 13.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.311 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

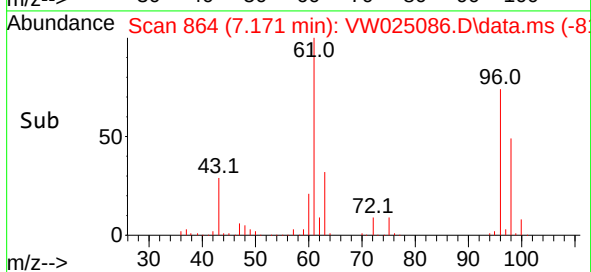
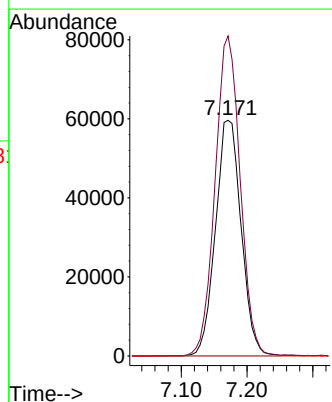
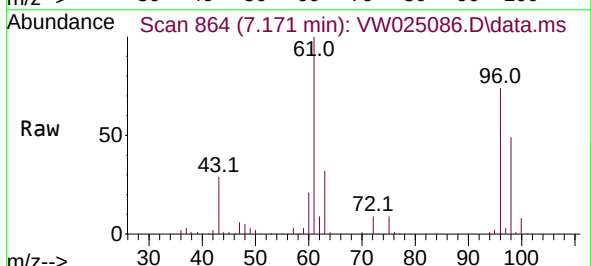
Tgt Ion: 96 Resp: 161895

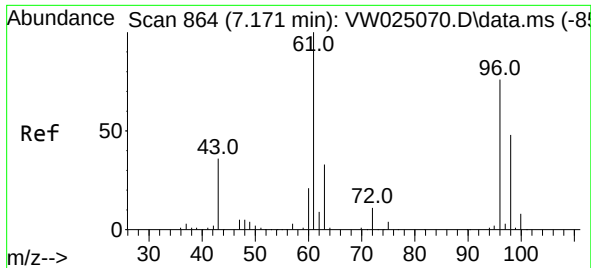
Ion Ratio Lower Upper

96 100

61 135.7 91.8 170.6

68 0.0 0.0 0.0

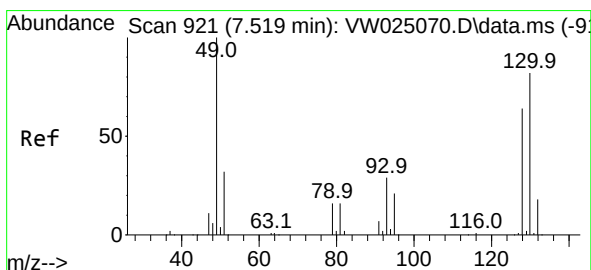
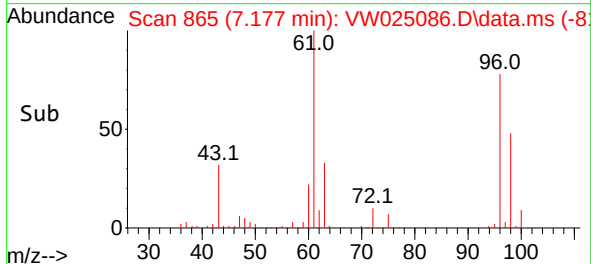
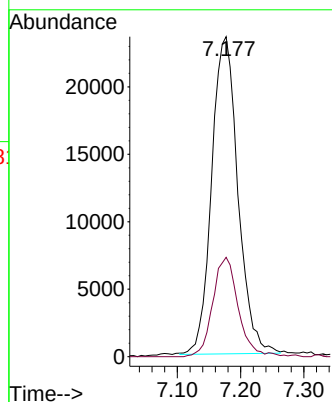
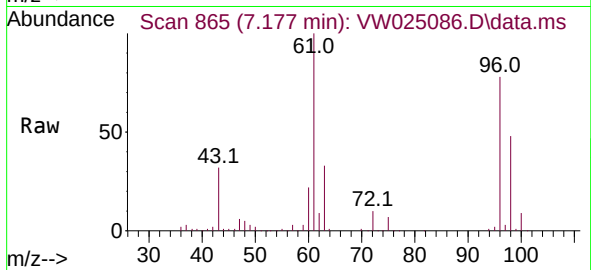




#22
2-Butanone
Concen: 39.533 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

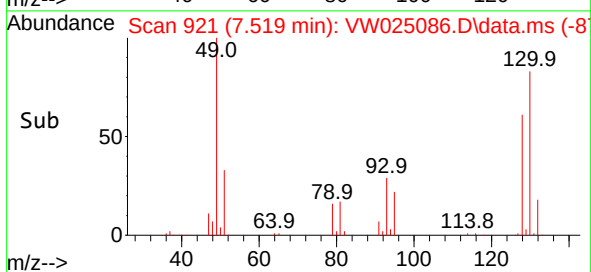
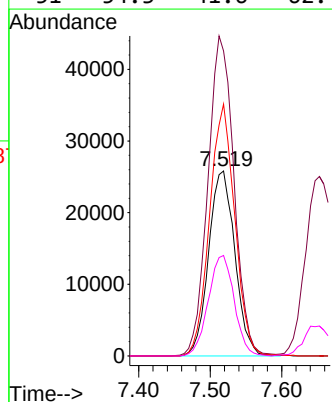
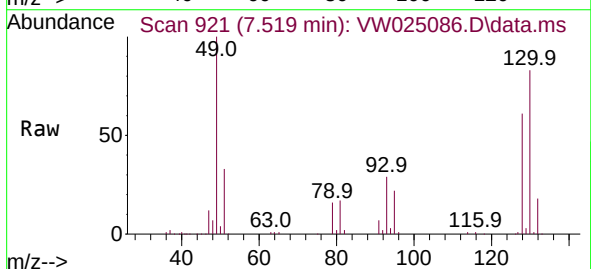
Instrument :
MSVOA_W
ClientSampleId :

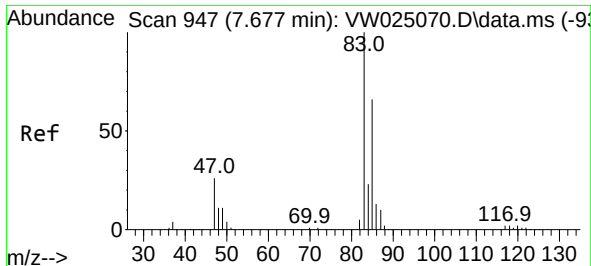
Tgt Ion: 43 Resp: 67746
Ion Ratio Lower Upper
43 100
72 29.9 14.6 44.0



#23
Bromochloromethane
Concen: 24.696 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 128 Resp: 65876
Ion Ratio Lower Upper
128 100
49 164.8 112.8 209.4
130 136.1 86.2 160.2
51 54.3 41.6 62.4





#25

Chloroform

Concen: 26.424 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

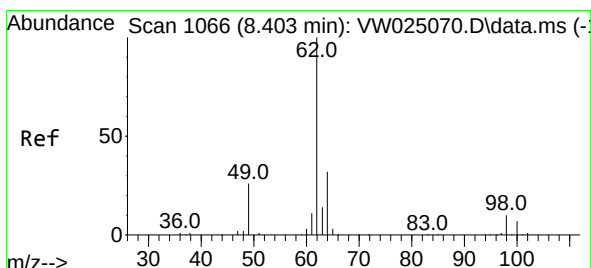
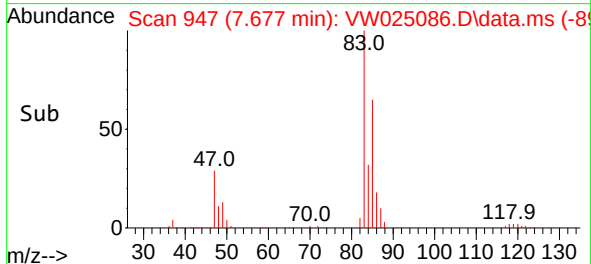
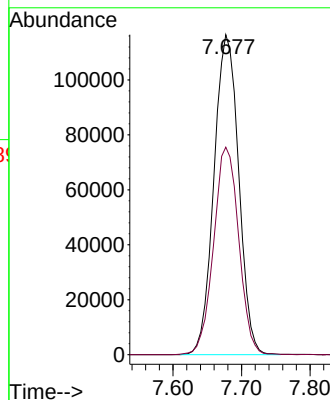
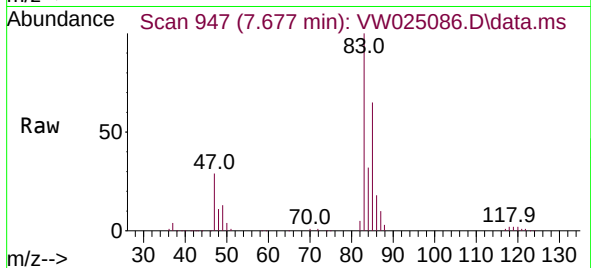
ClientSampleId :

Tgt Ion: 83 Resp: 291481

Ion Ratio Lower Upper

83 100

85 64.9 47.5 88.3



#27

1,2-Dichloroethane

Concen: 22.580 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW025086.D

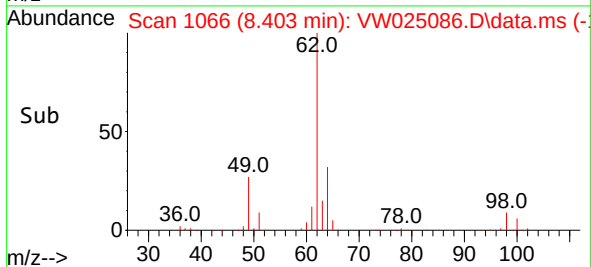
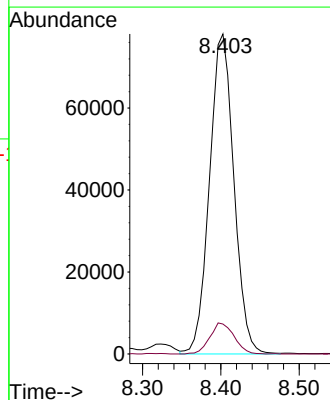
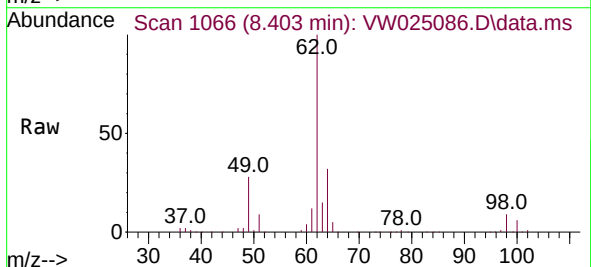
Acq: 18 Nov 2022 08:31

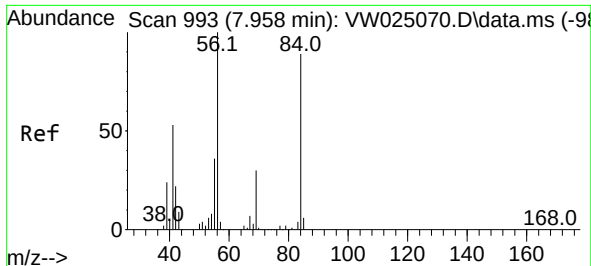
Tgt Ion: 62 Resp: 168948

Ion Ratio Lower Upper

62 100

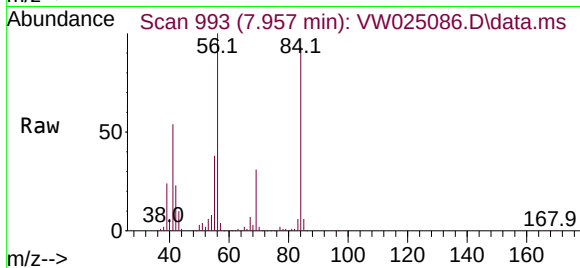
98 9.3 7.0 10.4





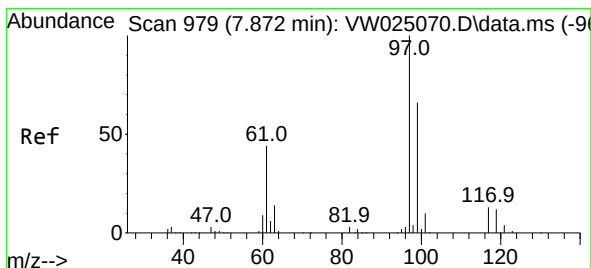
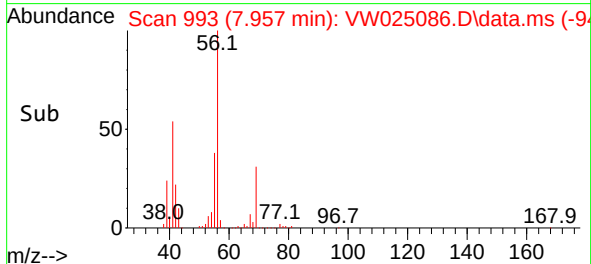
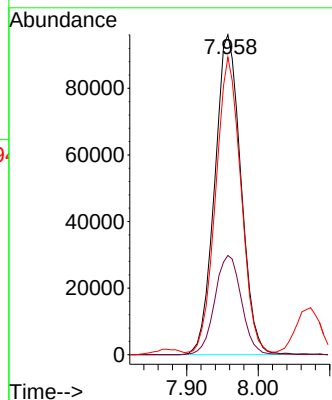
#29
Cyclohexane
Concen: 27.786 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 243977

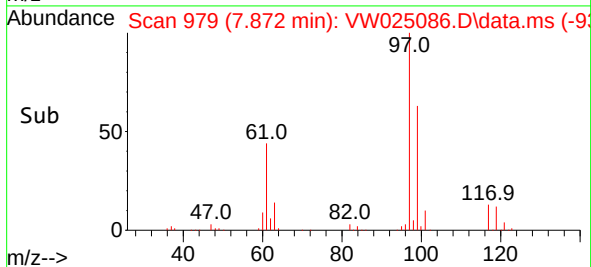
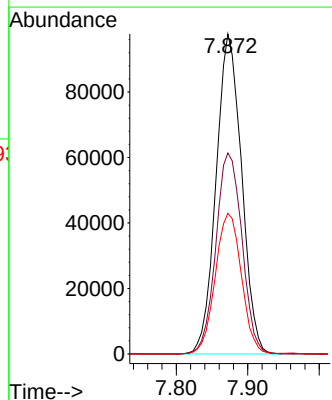
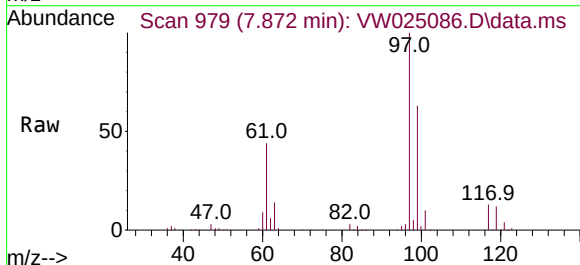
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.0	37.4
84	90.3	72.6	108.8

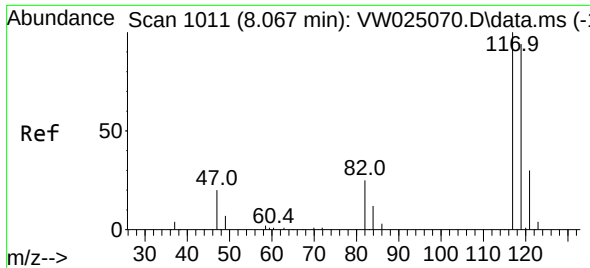


#30
1,1,1-Trichloroethane
Concen: 26.603 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 97 Resp: 242086

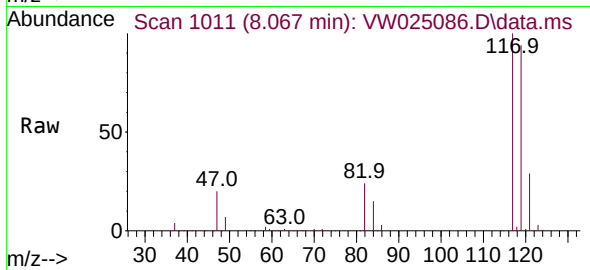
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	45.1	36.6	54.8



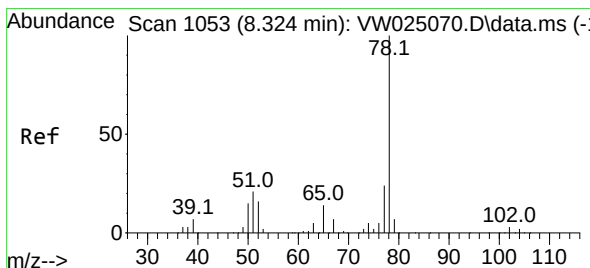
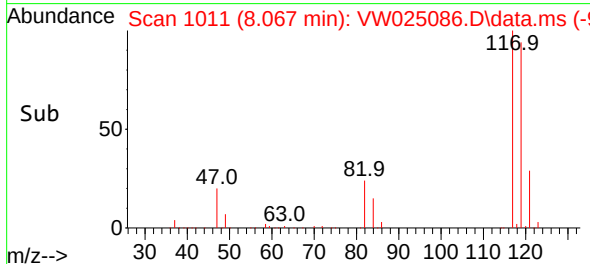
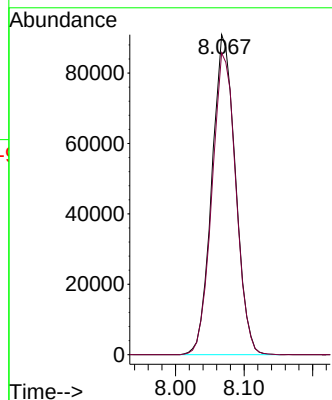


#31
Carbon tetrachloride
Concen: 26.669 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Instrument :
MSVOA_W
ClientSampleId :

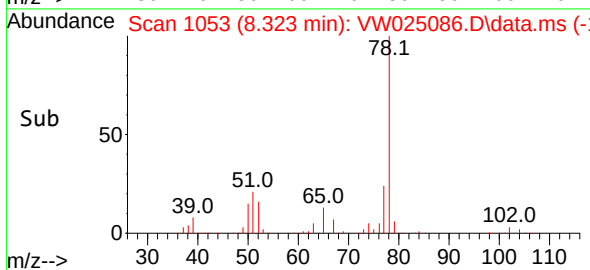
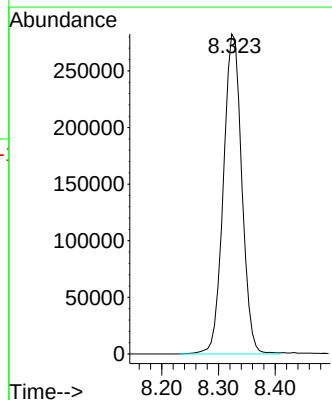
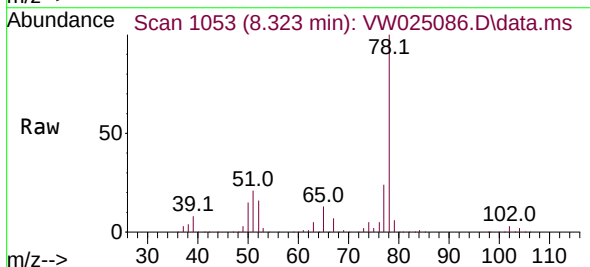


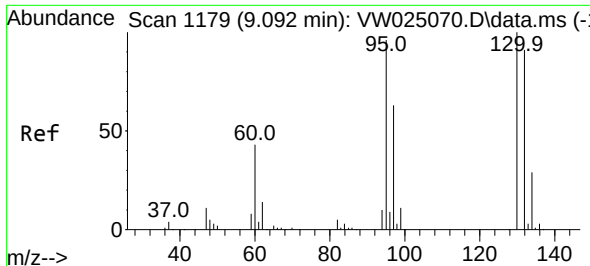
Tgt Ion:117 Resp: 216860
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 28.489 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

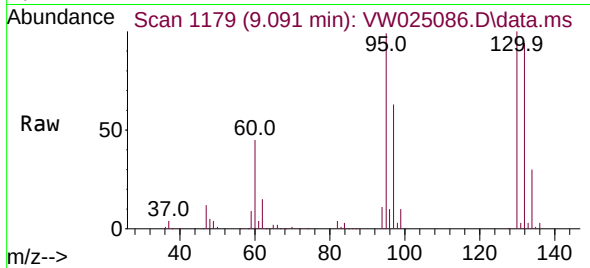
Tgt Ion: 78 Resp: 637959



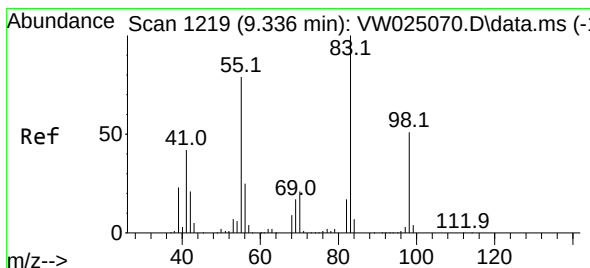
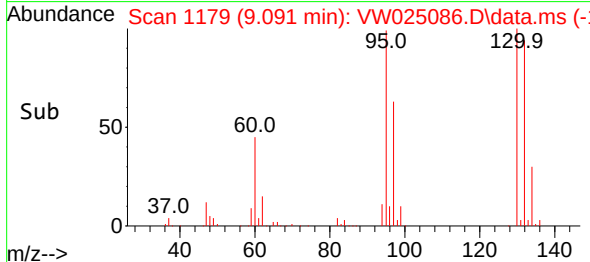
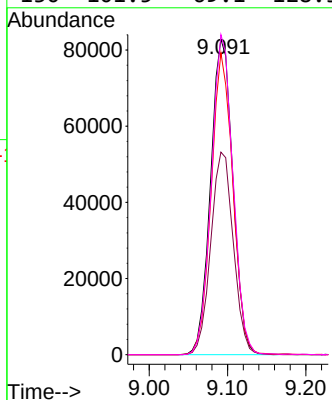


#34
Trichloroethene
Concen: 27.731 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Instrument :
MSVOA_W
ClientSampleId :

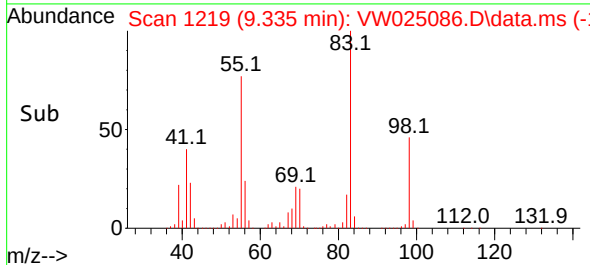
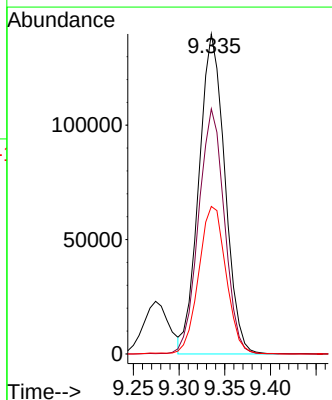
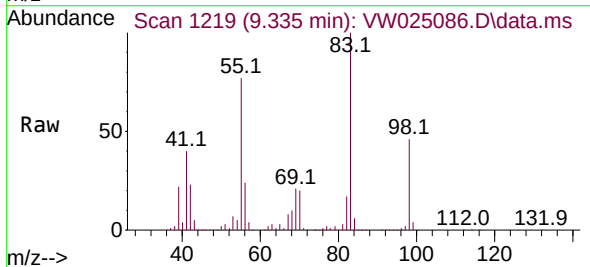


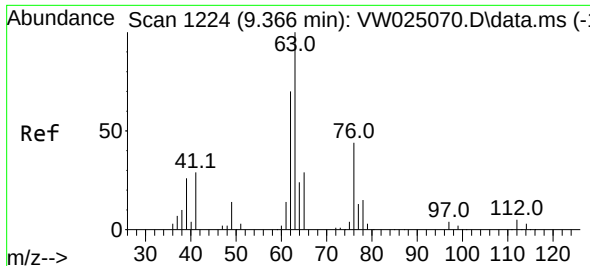
Tgt Ion: 95 Resp: 164385
Ion Ratio Lower Upper
95 100
97 64.2 44.7 83.1
132 95.7 62.6 116.2
130 101.5 69.1 128.3



#35
Methylcyclohexane
Concen: 27.444 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 83 Resp: 276436
Ion Ratio Lower Upper
83 100
55 76.0 60.4 90.6
98 48.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 29.075 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

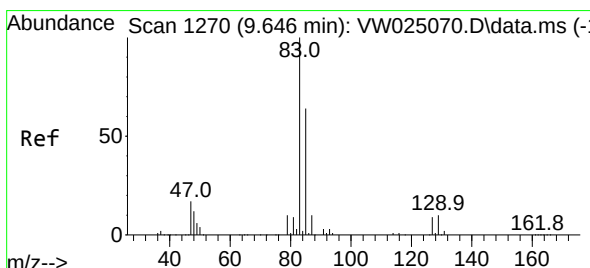
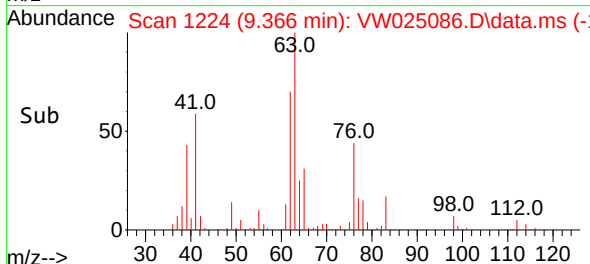
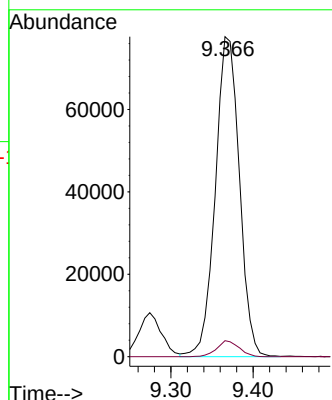
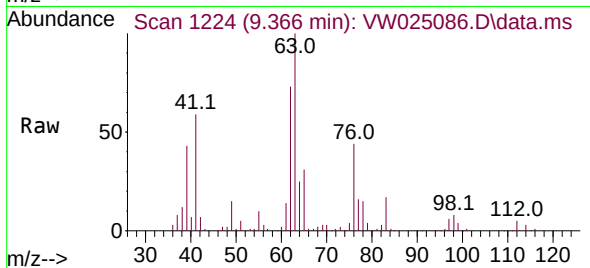
ClientSampleId :

Tgt Ion: 63 Resp: 158025

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 27.279 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

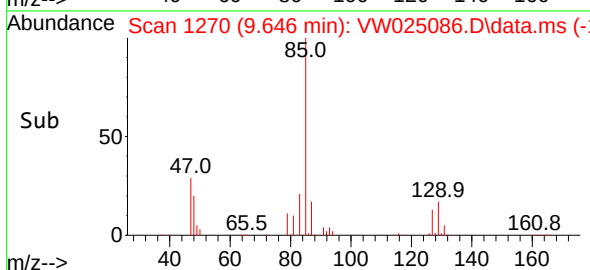
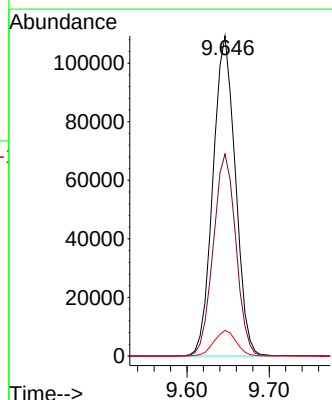
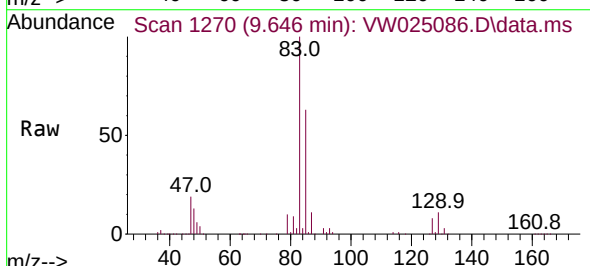
Tgt Ion: 83 Resp: 206922

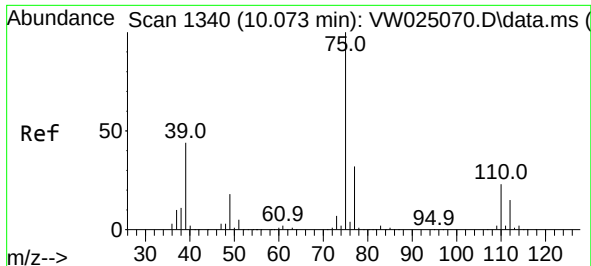
Ion Ratio Lower Upper

83 100

85 63.1 45.8 85.0

127 8.0 6.8 10.2

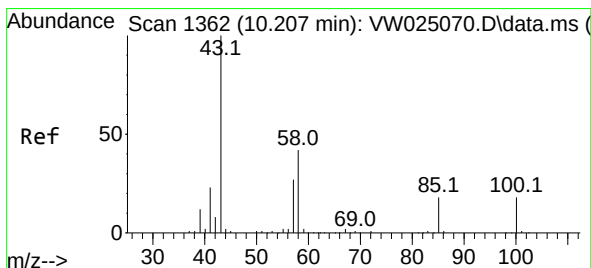
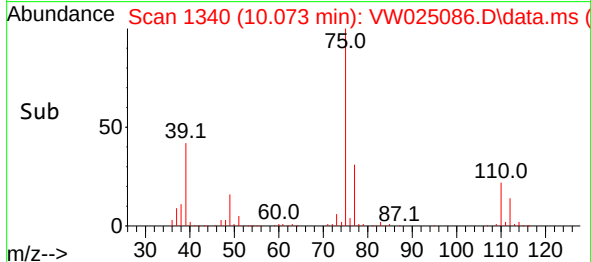
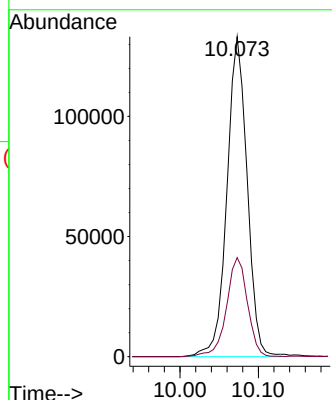
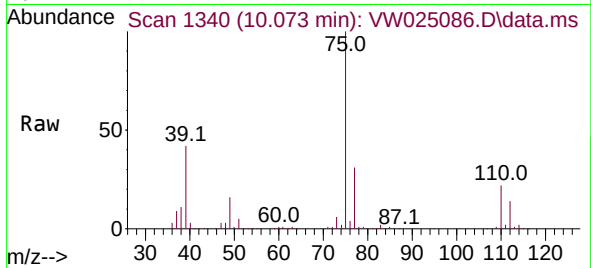




#39
 cis-1,3-Dichloropropene
 Concen: 27.760 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

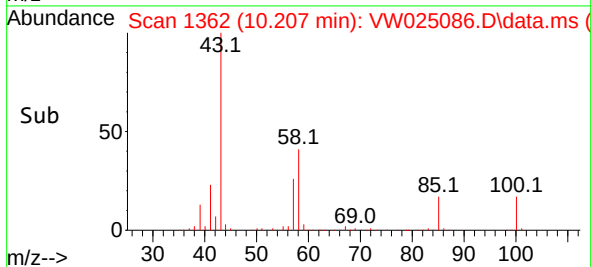
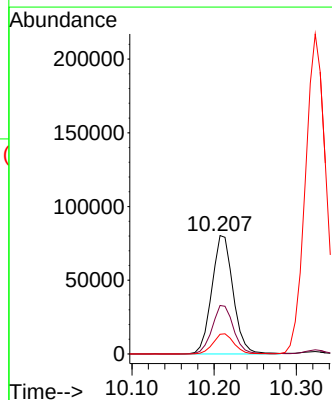
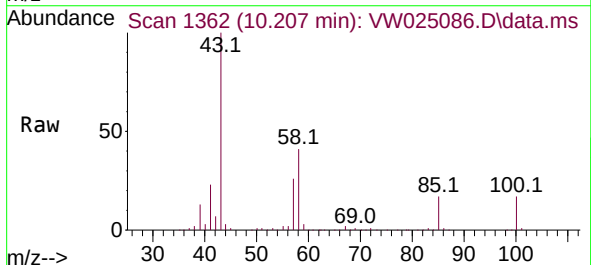
Instrument :
 MSVOA_W
 ClientSampleId :

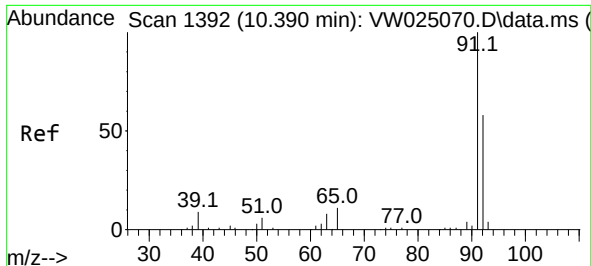
Tgt Ion: 75 Resp: 238520
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 45.434 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

Tgt Ion: 43 Resp: 144909
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.6 48.8
 100 16.8 14.0 21.0

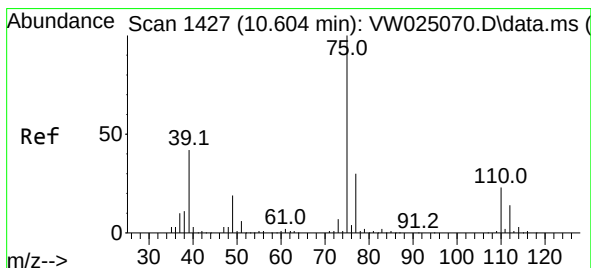
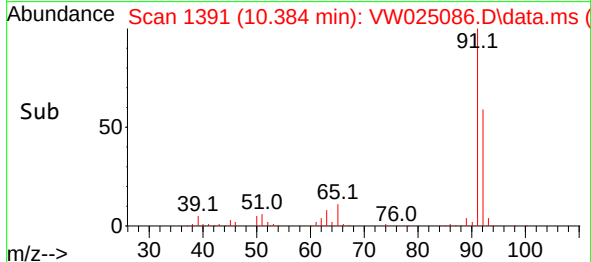
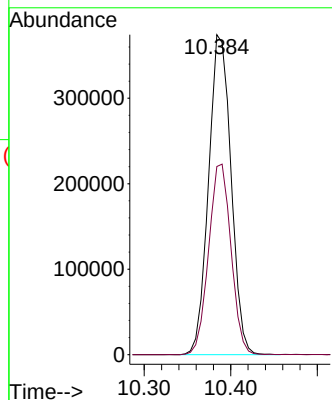
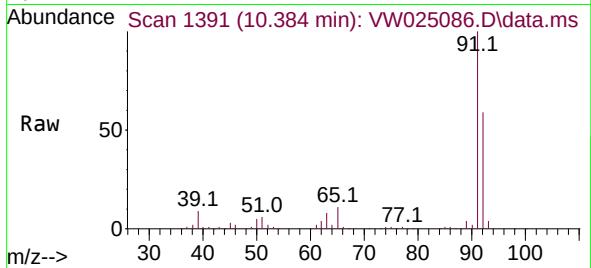




#42
Toluene
Concen: 28.346 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

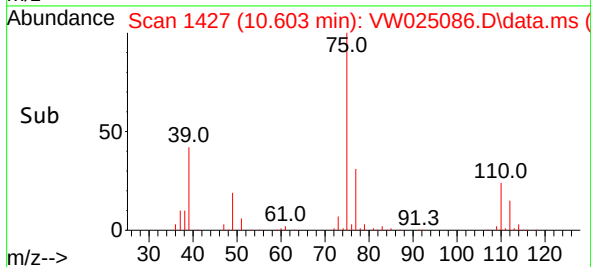
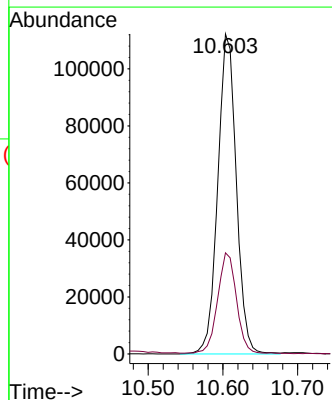
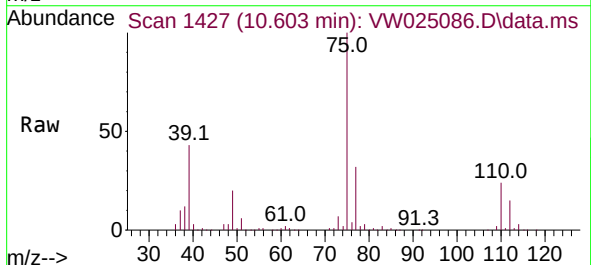
Instrument :
MSVOA_W
ClientSampleId :

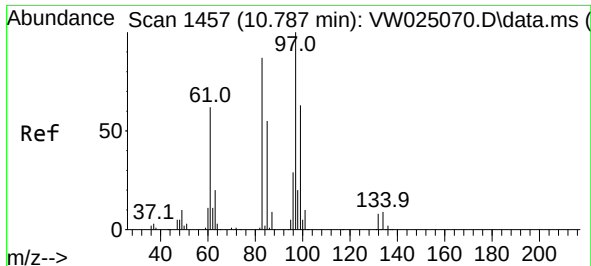
Tgt Ion: 91 Resp: 673898
Ion Ratio Lower Upper
91 100
92 58.8 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 25.376 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 75 Resp: 193840
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 26.216 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 107580

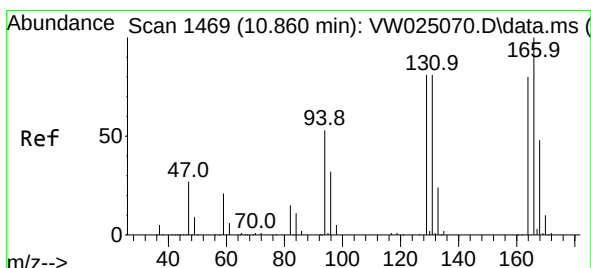
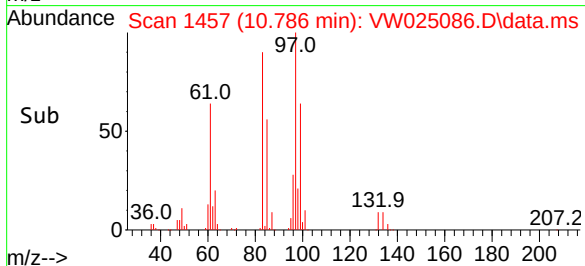
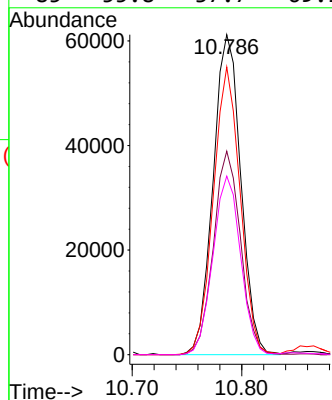
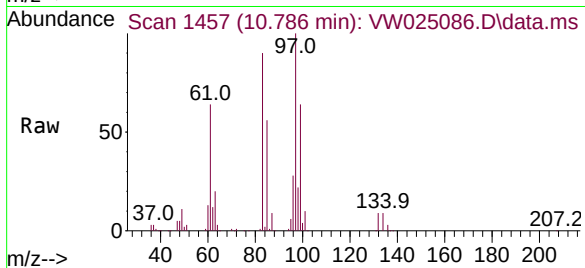
Ion Ratio Lower Upper

97 100

99 63.6 44.0 81.6

83 89.9 59.9 111.3

85 55.8 37.7 69.9



#46

Tetrachloroethene

Concen: 27.751 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Tgt Ion:164 Resp: 117647

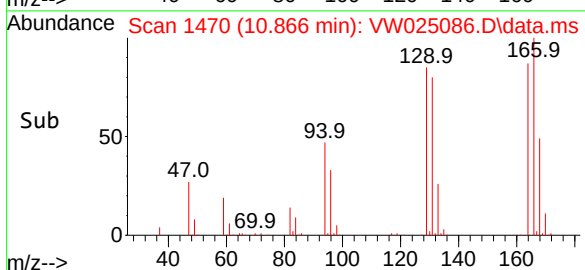
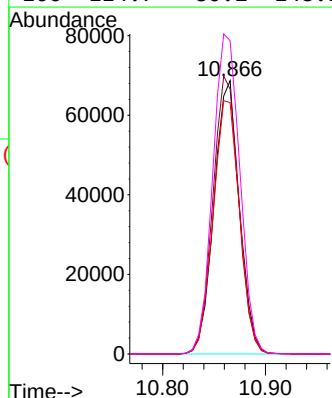
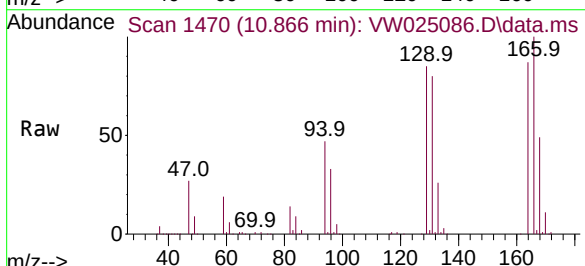
Ion Ratio Lower Upper

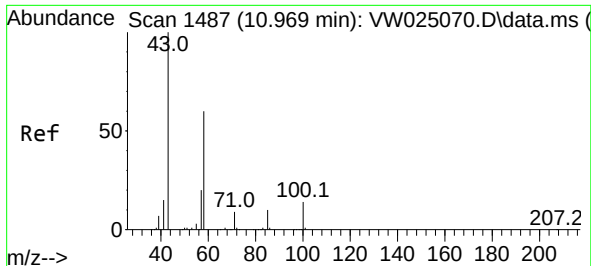
164 100

129 96.9 72.9 135.5

131 92.0 70.1 130.3

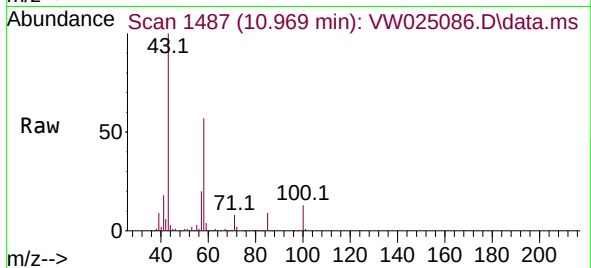
166 114.7 80.2 148.9



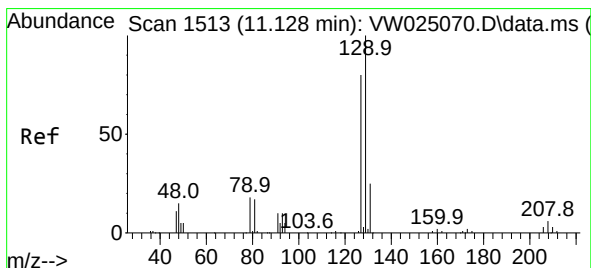
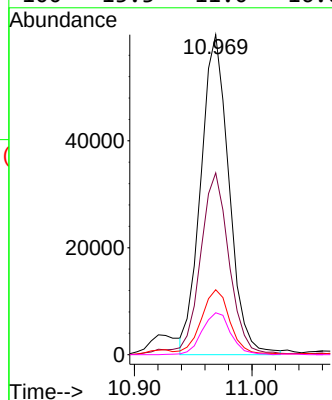
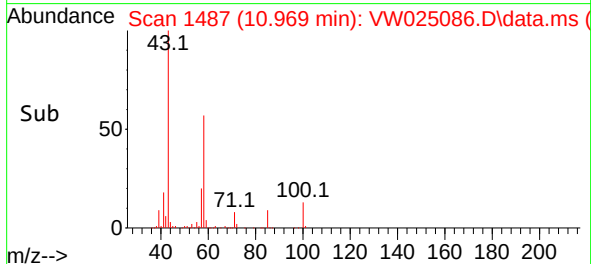


#48
2-Hexanone
Concen: 45.359 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Instrument :
MSVOA_W
ClientSampleId :

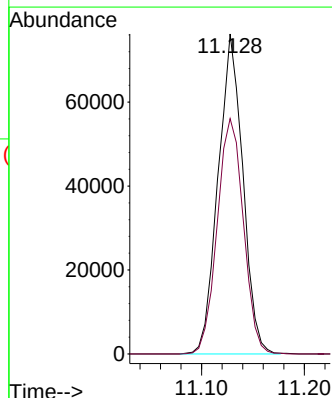
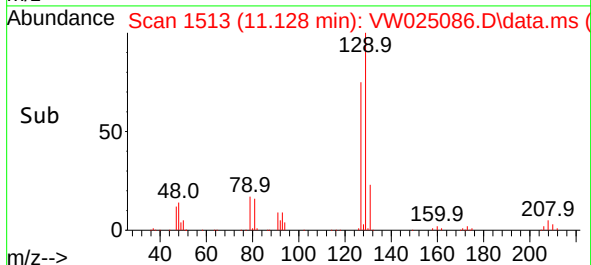
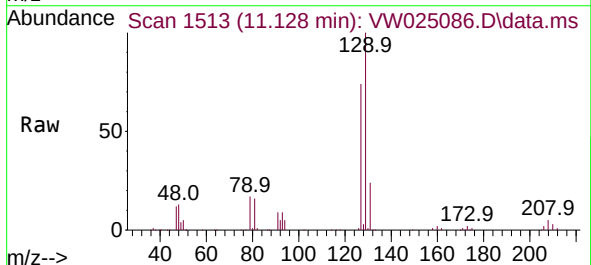


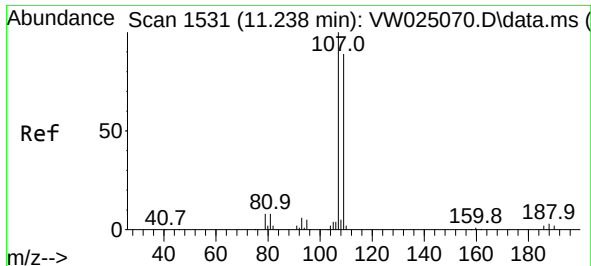
Tgt Ion: 43 Resp: 100051
Ion Ratio Lower Upper
43 100
58 56.7 46.1 69.1
57 20.5 16.2 24.2
100 13.3 11.0 16.6



#49
Dibromochloromethane
Concen: 25.433 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 129 Resp: 127224
Ion Ratio Lower Upper
129 100
127 73.6 53.2 98.8





#50

1,2-Dibromoethane

Concen: 24.605 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025086.D

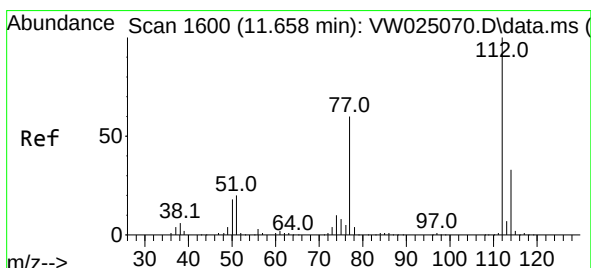
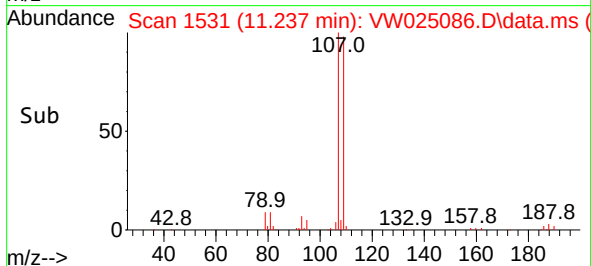
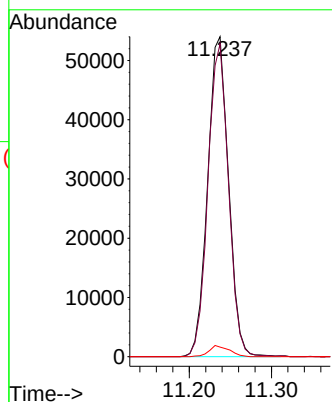
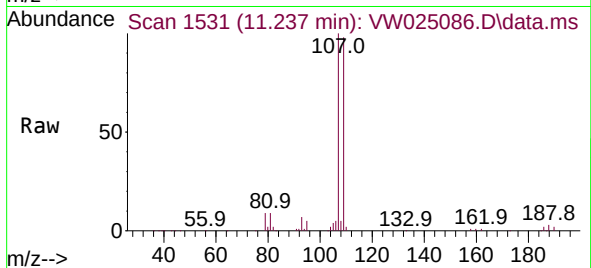
Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	95495
Ion	Ratio	Lower	Upper
107	100		
109	97.7	64.5	119.7
188	3.0	2.9	4.3



#51

Chlorobenzene

Concen: 27.307 ug/L

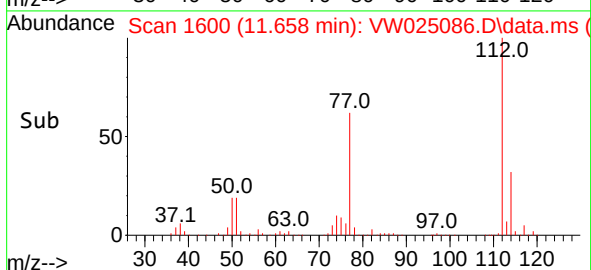
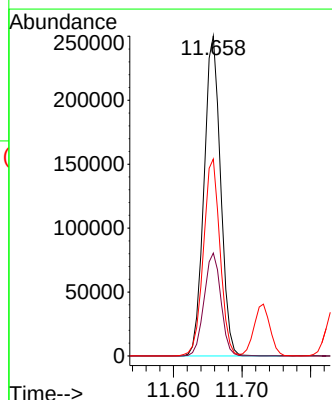
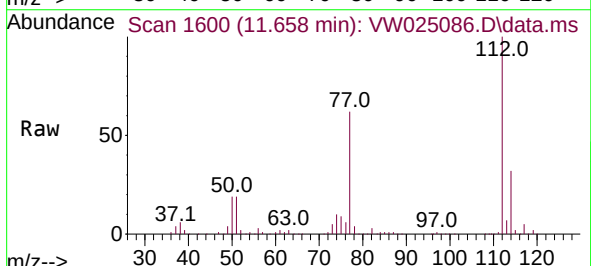
RT: 11.658 min Scan# 1600

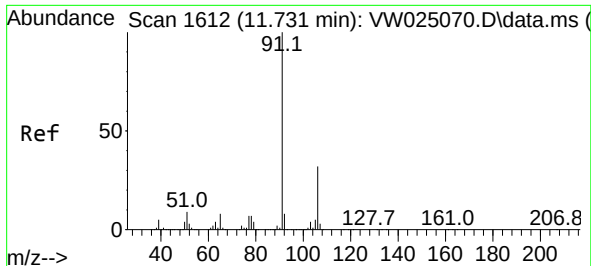
Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Tgt Ion:	112	Resp:	420799
Ion	Ratio	Lower	Upper
112	100		
114	32.2	20.8	38.6
77	61.5	48.2	72.2

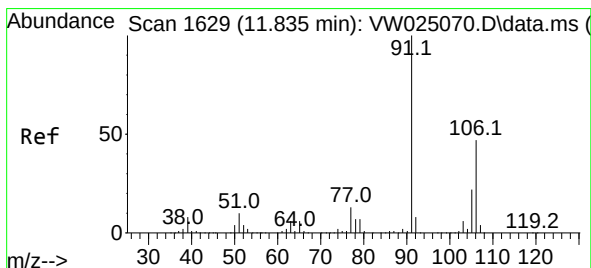
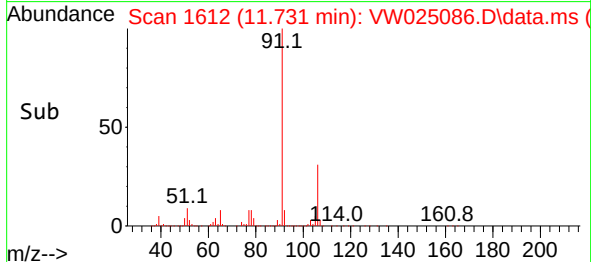
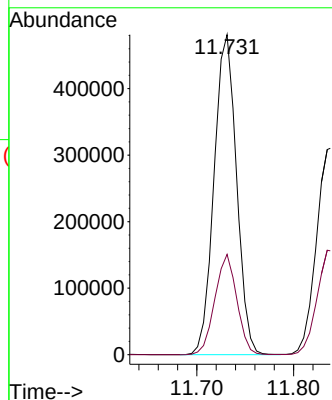
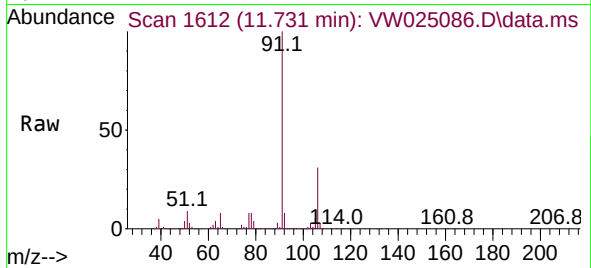




#52
Ethylbenzene
Concen: 28.238 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

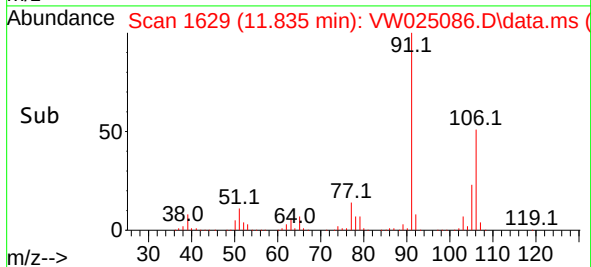
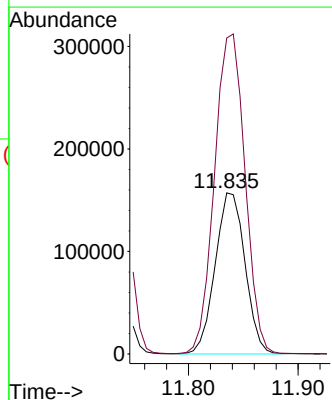
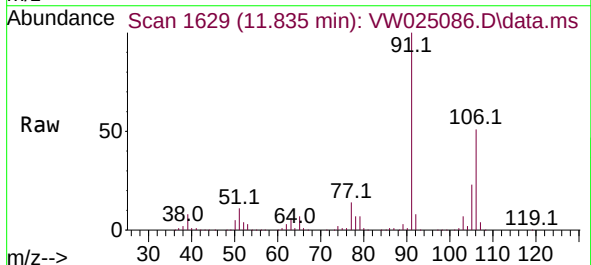
Instrument :
MSVOA_W
ClientSampleId :

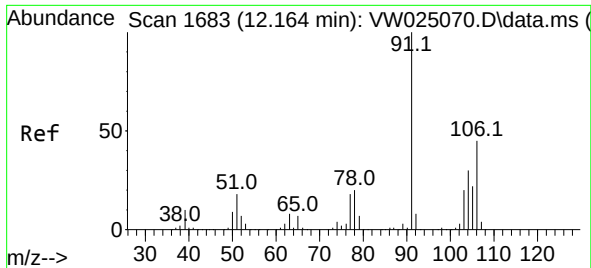
Tgt Ion: 91 Resp: 774919
Ion Ratio Lower Upper
91 100
106 31.4 22.3 41.5



#53
m,p-Xylene
Concen: 27.954 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion:106 Resp: 296940
Ion Ratio Lower Upper
106 100
91 196.3 143.9 267.2

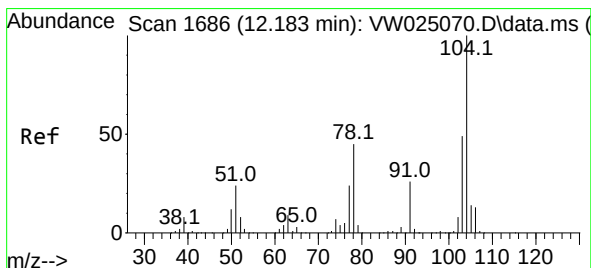
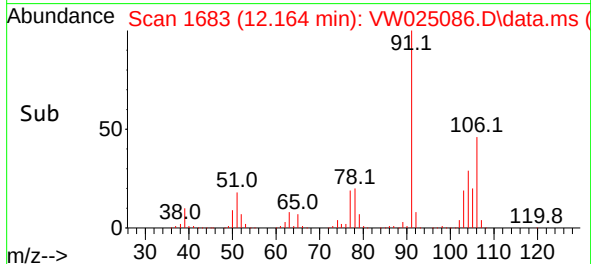
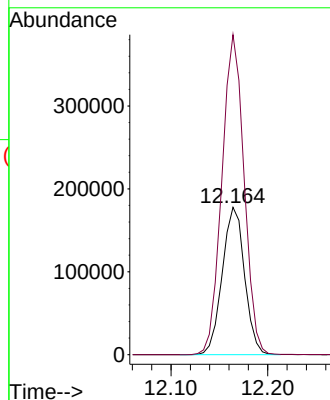
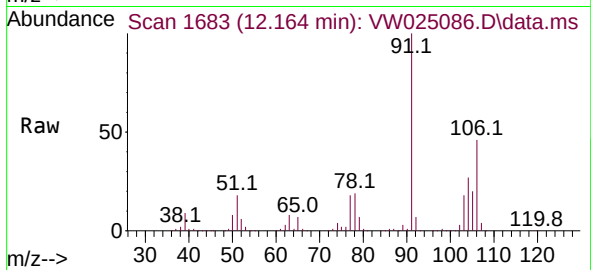




#54
o-Xylene
Concen: 28.393 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

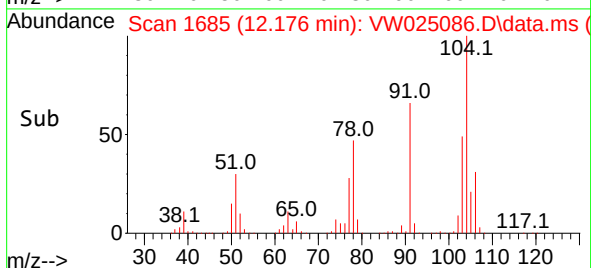
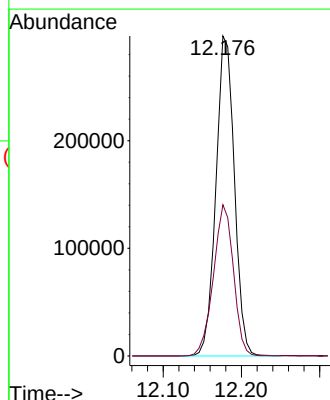
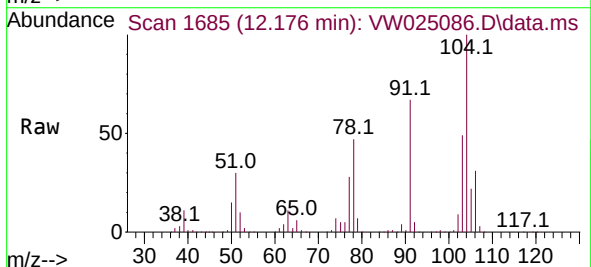
Instrument :
MSVOA_W
ClientSampleId :

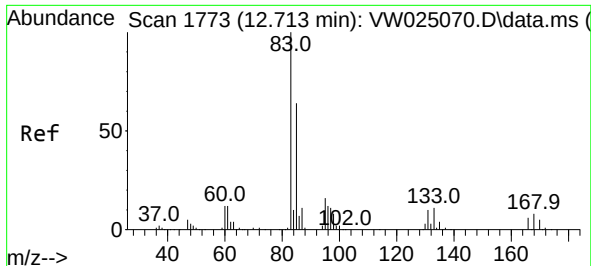
Tgt Ion:106 Resp: 284540
Ion Ratio Lower Upper
106 100
91 217.3 153.5 285.1



#55
Styrene
Concen: 27.993 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion:104 Resp: 487247
Ion Ratio Lower Upper
104 100
78 47.3 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.591 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

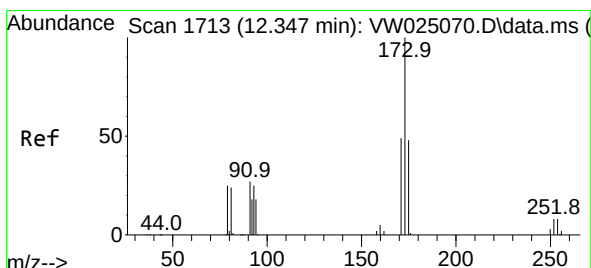
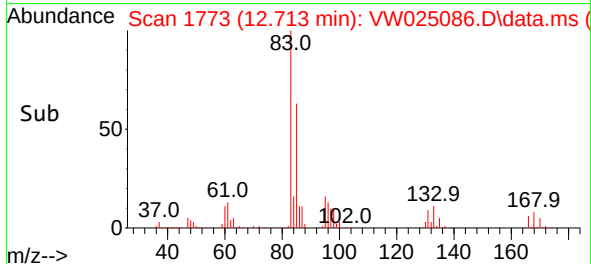
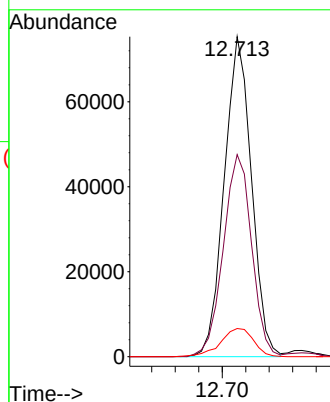
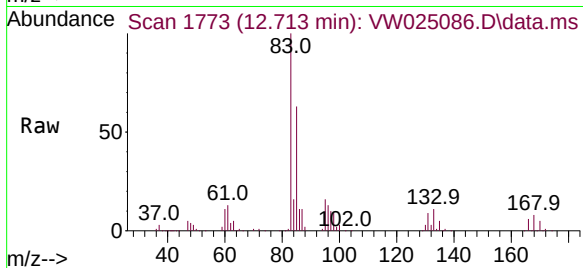
Tgt Ion: 83 Resp: 121060

Ion Ratio Lower Upper

83 100

85 63.2 46.4 86.2

131 8.8 8.2 12.4



#59

Bromoform

Concen: 24.523 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

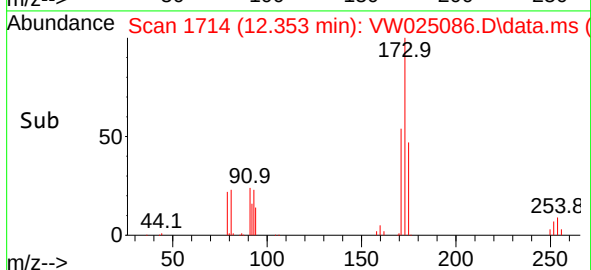
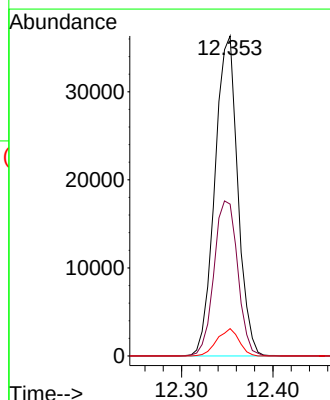
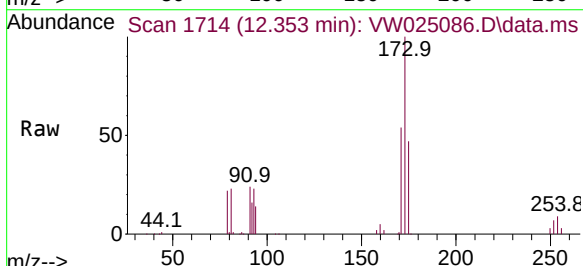
Tgt Ion:173 Resp: 63279

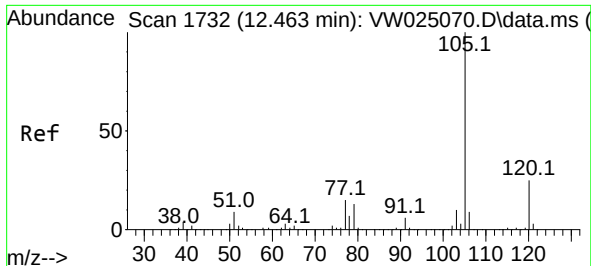
Ion Ratio Lower Upper

173 100

175 50.2 37.4 56.2

254 8.3 5.8 8.8

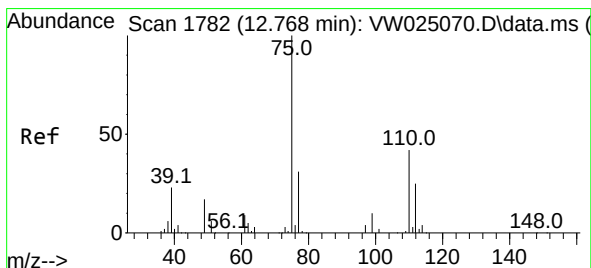
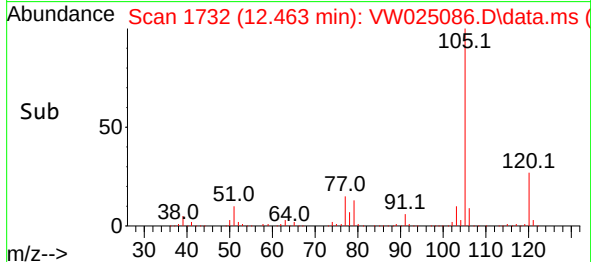
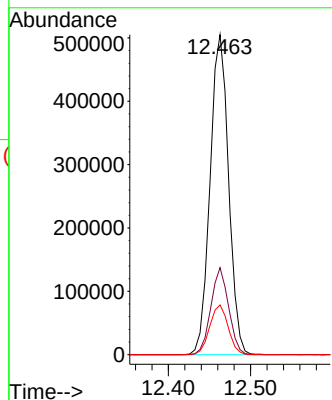
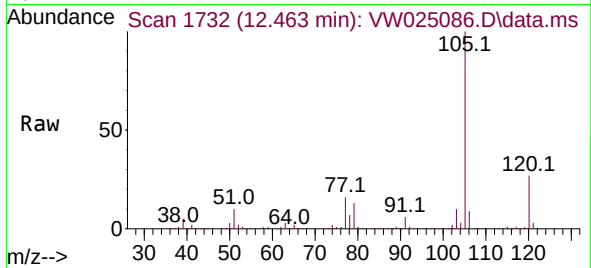




#60
Isopropylbenzene
Concen: 28.785 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

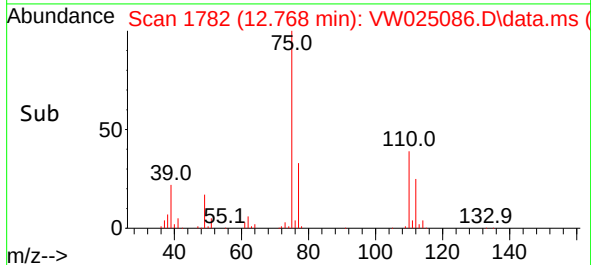
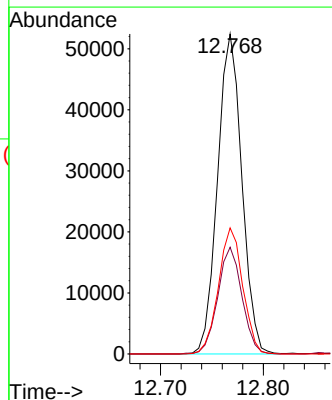
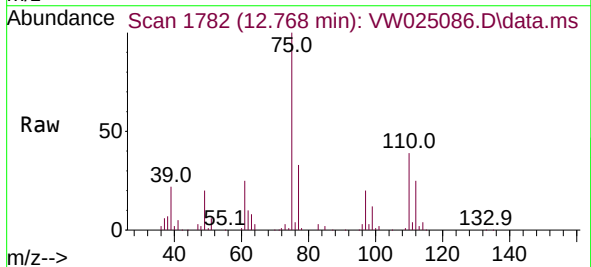
Instrument :
MSVOA_W
ClientSampleId :

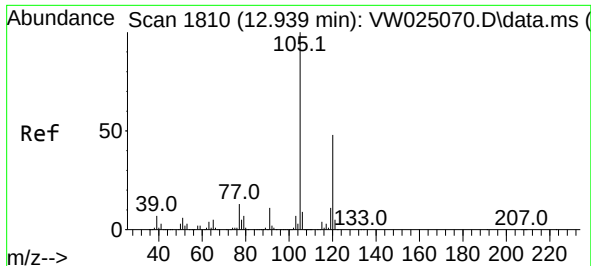
Tgt Ion:105 Resp: 789553
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 23.476 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion: 75 Resp: 86049
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5
110 39.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 28.462 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

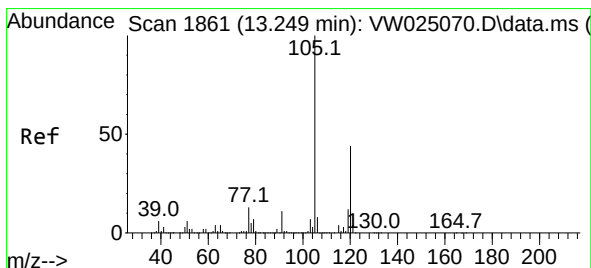
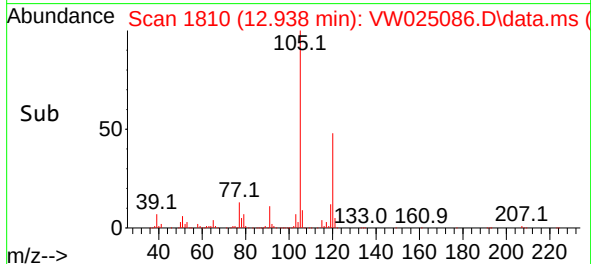
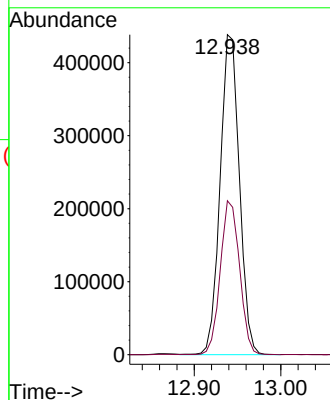
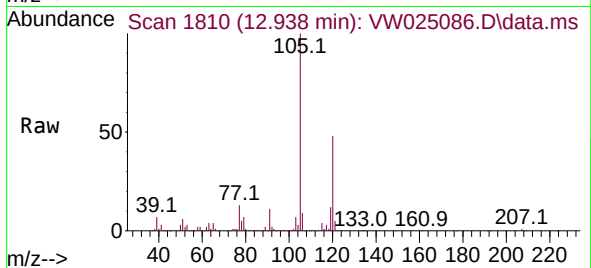
ClientSampleId :

Tgt Ion:105 Resp: 677687

Ion Ratio Lower Upper

105 100

120 48.2 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 28.232 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025086.D

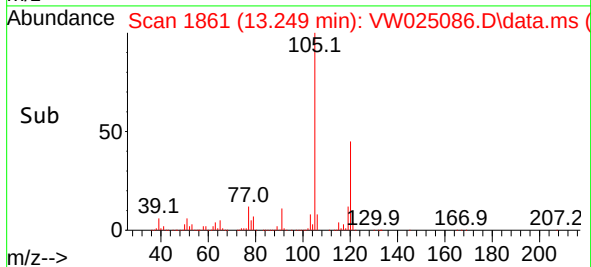
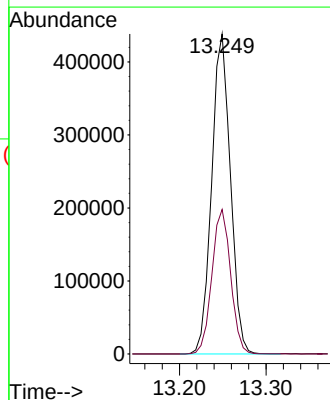
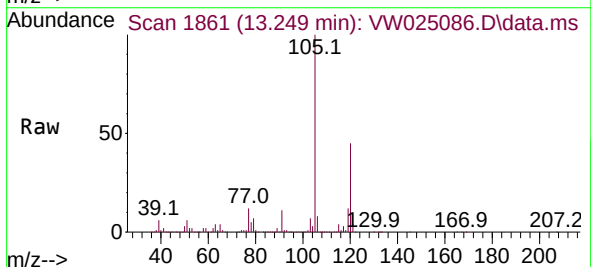
Acq: 18 Nov 2022 08:31

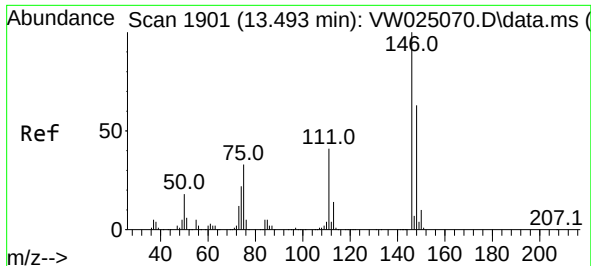
Tgt Ion:105 Resp: 659165

Ion Ratio Lower Upper

105 100

120 45.1 35.7 53.5

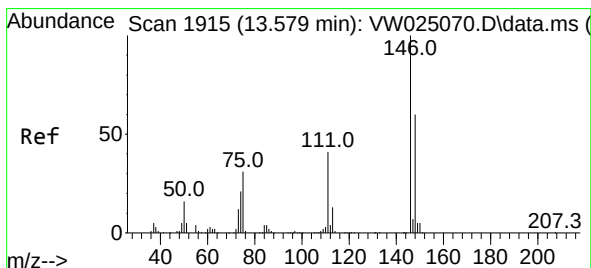
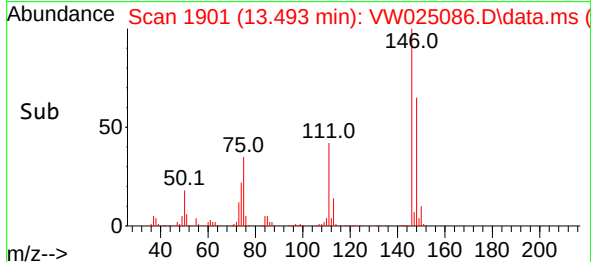
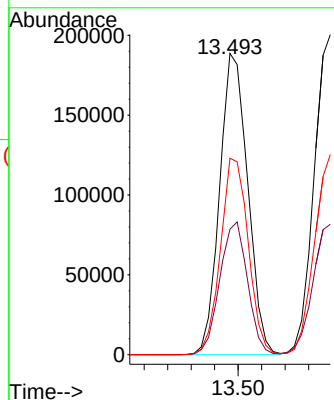
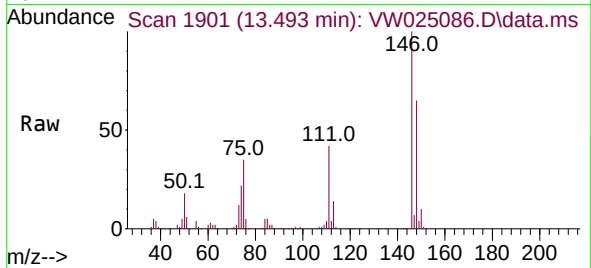




#64
1,3-Dichlorobenzene
Concen: 27.416 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

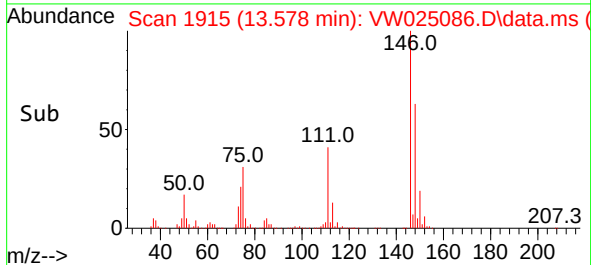
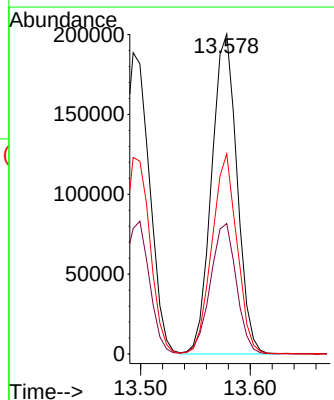
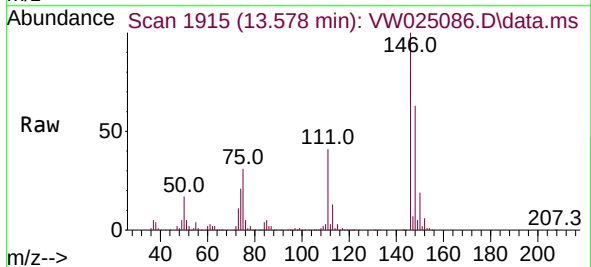
Instrument :
MSVOA_W
ClientSampleId :

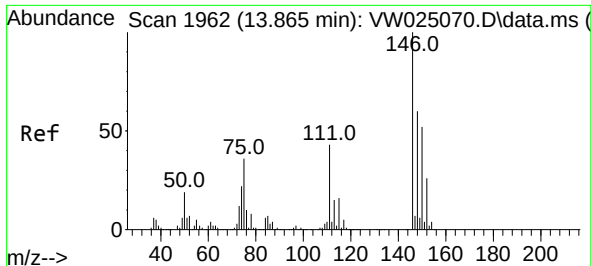
Tgt Ion:146 Resp: 313635
Ion Ratio Lower Upper
146 100
111 41.6 31.1 57.7
148 65.2 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 28.341 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025086.D
Acq: 18 Nov 2022 08:31

Tgt Ion:146 Resp: 323516
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.6
148 62.6 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 28.097 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

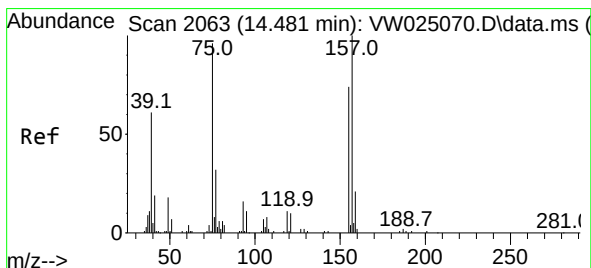
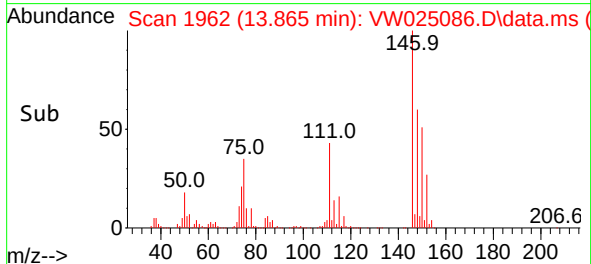
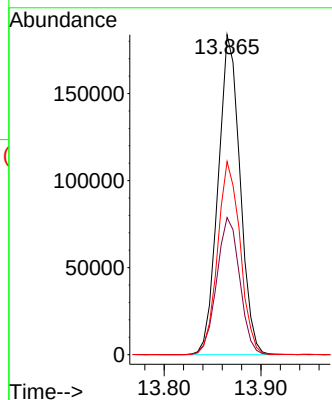
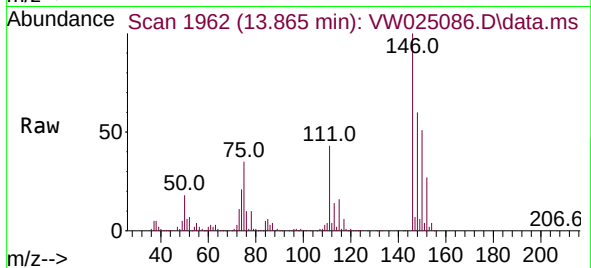
Tgt Ion:146 Resp: 289008

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.4

148 60.3 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 20.455 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

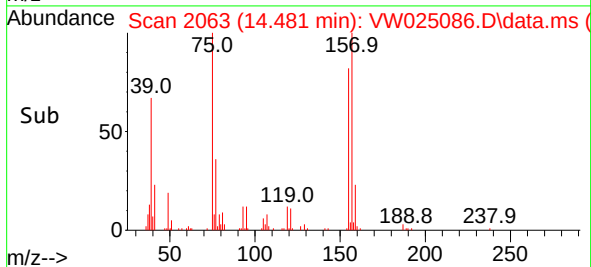
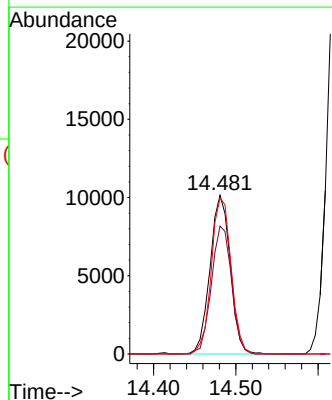
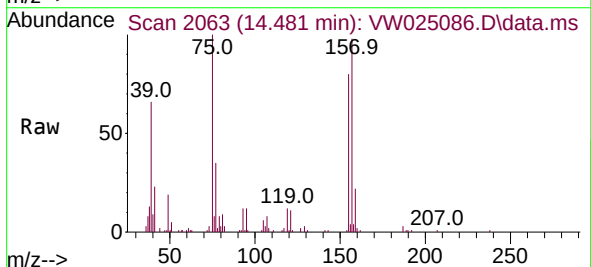
Tgt Ion: 75 Resp: 17326

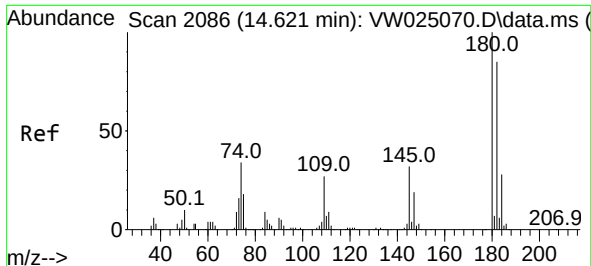
Ion Ratio Lower Upper

75 100

155 80.5 61.2 91.8

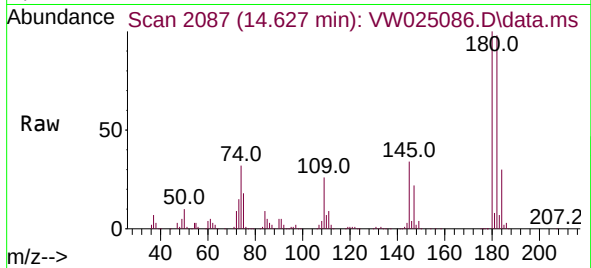
157 98.3 72.4 108.6



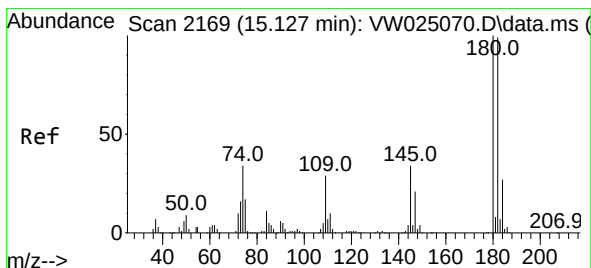
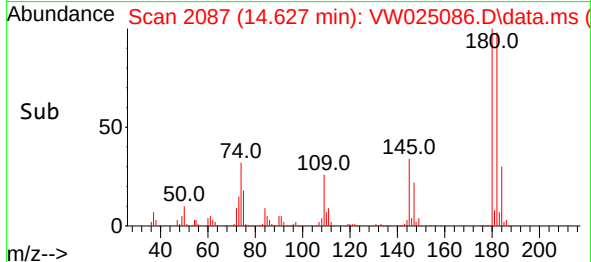
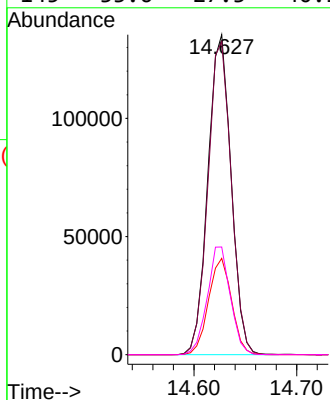


#69
 1,3,5-Trichlorobenzene
 Concen: 28.025 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

Instrument :
 MSVOA_W
 ClientSampleId :

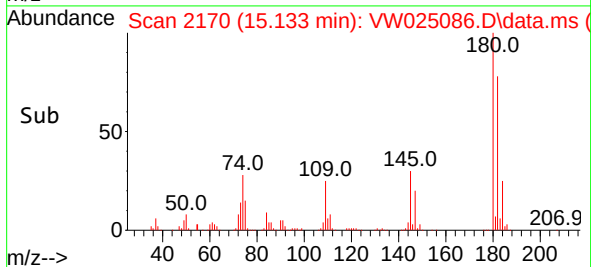
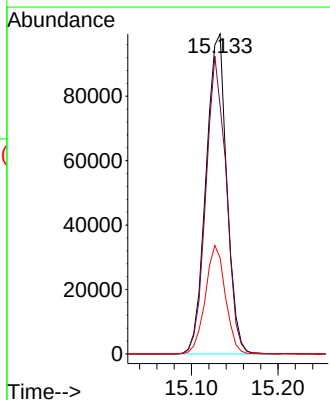
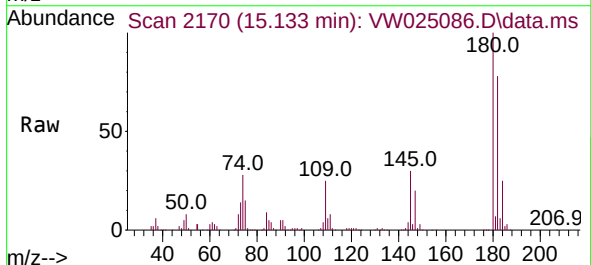


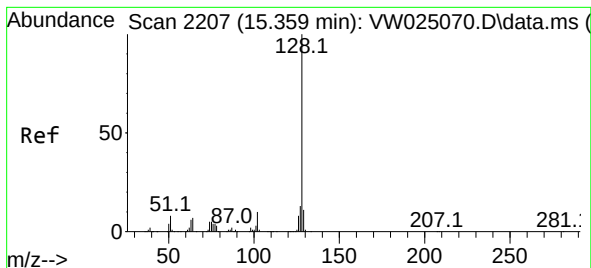
Tgt Ion:180 Resp: 212350
 Ion Ratio Lower Upper
 180 100
 182 98.1 75.7 113.5
 184 30.0 23.4 35.2
 145 33.6 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 28.129 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW025086.D
 Acq: 18 Nov 2022 08:31

Tgt Ion:180 Resp: 165663
 Ion Ratio Lower Upper
 180 100
 182 90.8 74.9 112.3
 145 32.7 27.0 40.4





#71

Naphthalene

Concen: 23.786 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

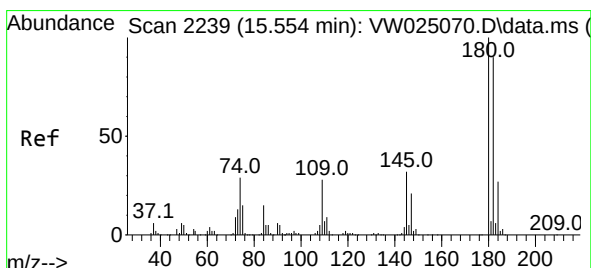
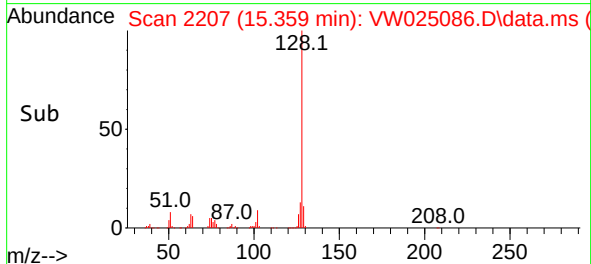
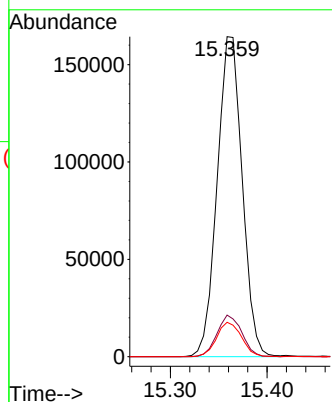
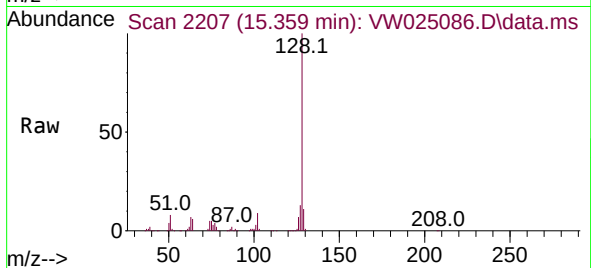
Tgt Ion:128 Resp: 295513

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.509 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW025086.D

Acq: 18 Nov 2022 08:31

Tgt Ion:180 Resp: 130897

Ion Ratio Lower Upper

180 100

182 95.6 74.1 111.1

145 37.4 28.2 42.2

