

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025171.D
 Acq On : 22 Dec 2022 21:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:49:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	270234	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	248220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	131502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55130	17.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.800%
7) Chloroethane-d5	2.885	69	36750	18.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
11) 1,1-Dichloroethene-d2	4.019	63	161709	23.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.760%
21) 2-Butanone-d5	7.080	46	40810	52.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.360%
24) Chloroform-d	7.647	84	186531	26.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.960%
26) 1,2-Dichloroethane-d4	8.305	65	105880	29.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.720%
32) Benzene-d6	8.275	84	349579	24.015	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	9.274	67	97274	22.966	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	10.323	98	328945	24.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.680%
43) trans-1,3-Dichloroprop...	10.579	79	47602	26.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.400%
47) 2-Hexanone-d5	10.920	63	35487	57.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	82671	26.431	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	113893	25.552	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	41373	25.262	ug/L	96
3) Chloromethane	2.215	50	53774	18.647	ug/L	96
5) Vinyl chloride	2.361	62	67848	18.808	ug/L	98
6) Bromomethane	2.776	94	36339	19.440	ug/L	93
8) Chloroethane	2.922	64	30736	18.421	ug/L	95
9) Trichlorofluoromethane	3.257	101	72135	26.682	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	85886	24.050	ug/L	97
12) 1,1-Dichloroethene	4.037	96	80732	23.712	ug/L	97
13) Acetone	4.117	43	33622	41.823	ug/L	98
14) Carbon disulfide	4.385	76	234440	21.569	ug/L	99
15) Methyl Acetate	4.672	43	32650	24.883	ug/L	97
16) Methylene chloride	4.915	84	93933	22.240	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	87625	24.278	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	144053	26.898	ug/L	96
19) 1,1-Dichloroethane	6.220	63	159197	24.410	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	97277	25.489	ug/L	91
22) 2-Butanone	7.171	43	45142	44.634	ug/L	97
23) Bromochloromethane	7.519	128	42071	26.051	ug/L	89
25) Chloroform	7.671	83	180096	27.289	ug/L	97

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 Response via : Initial Calibration

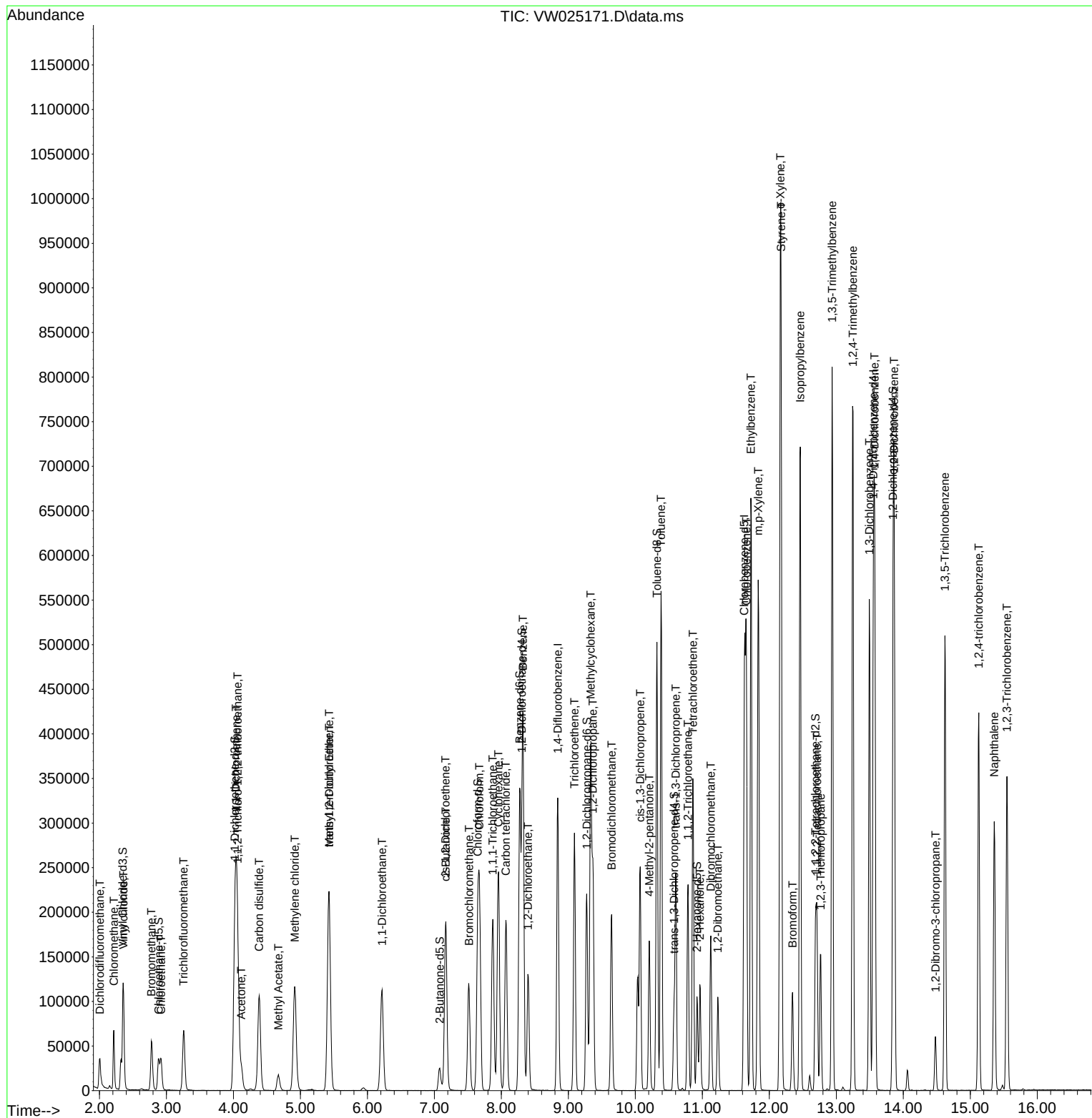
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	125882	30.295	ug/L	96
29) Cyclohexane	7.958	56	134115	21.338	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	157706	26.915	ug/L	99
31) Carbon tetrachloride	8.067	117	143230	26.585	ug/L	98
33) Benzene	8.323	78	362553	23.578	ug/L	100
34) Trichloroethene	9.091	95	97449	24.194	ug/L	94
35) Methylcyclohexane	9.335	83	160551	22.473	ug/L	99
37) 1,2-Dichloropropane	9.366	63	85680	23.102	ug/L	97
38) Bromodichloromethane	9.646	83	132956	27.137	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	146926	25.928	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	99093	52.122	ug/L	99
42) Toluene	10.384	91	401809	24.940	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	131211	27.037	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	69014	26.076	ug/L	98
46) Tetrachloroethene	10.859	164	72443	24.707	ug/L	93
48) 2-Hexanone	10.963	43	70604	50.844	ug/L	98
49) Dibromochloromethane	11.128	129	89033	28.011	ug/L	89
50) 1,2-Dibromoethane	11.231	107	65819	26.711	ug/L #	99
51) Chlorobenzene	11.658	112	259651	25.183	ug/L	97
52) Ethylbenzene	11.725	91	469730	25.728	ug/L	97
53) m,p-Xylene	11.835	106	178990	25.671	ug/L	91
54) o-Xylene	12.164	106	176485	26.559	ug/L	96
55) Styrene	12.176	104	303865	27.003	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	82442	26.636	ug/L	97
59) Bromoform	12.347	173	48362	26.781	ug/L	99
60) Isopropylbenzene	12.463	105	474505	23.540	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	62119	24.576	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	429258	24.861	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	426142	25.405	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	207679	25.167	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	208630	25.105	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	192048	26.686	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17076	28.975	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	149556	25.524	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	127780	27.179	ug/L	95
71) Naphthalene	15.359	128	261118	28.332	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	112873	27.395	ug/L	97

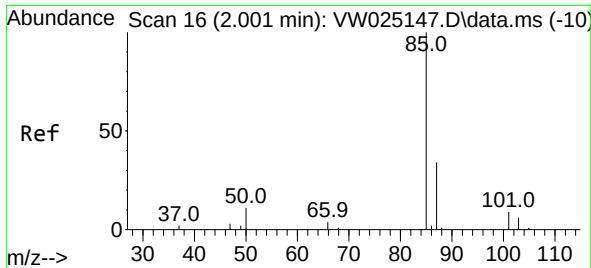
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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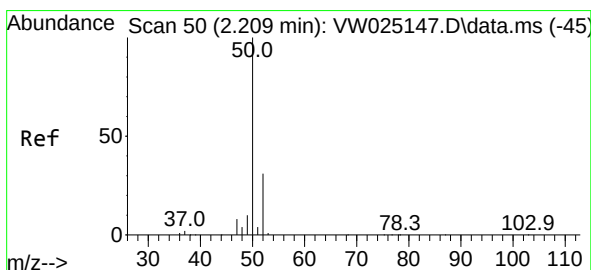
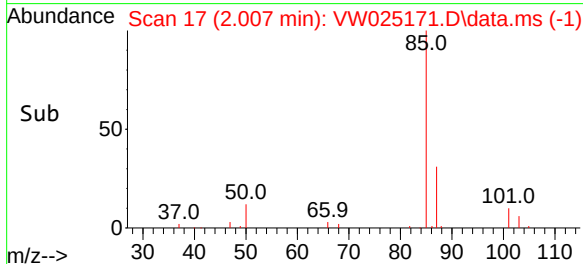
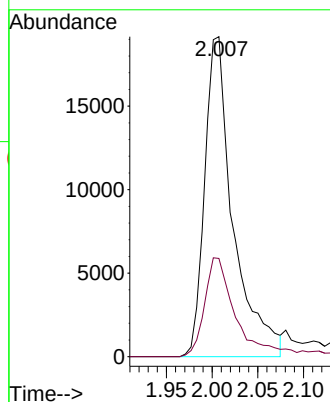
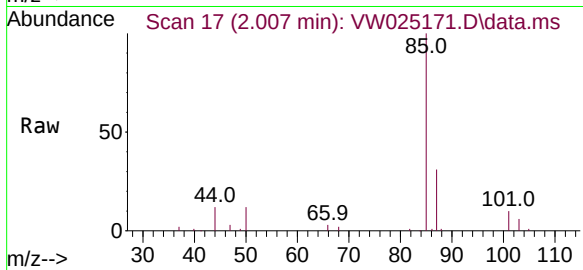




#2
 Dichlorodifluoromethane
 Concen: 25.262 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VW025171.D
 Acq: 22 Dec 2022 21:55

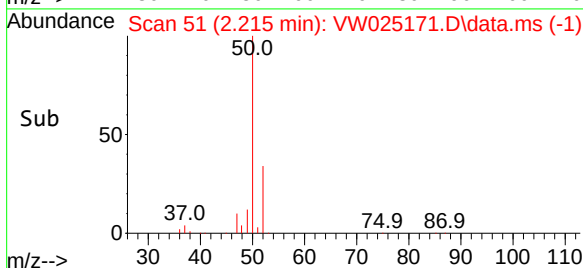
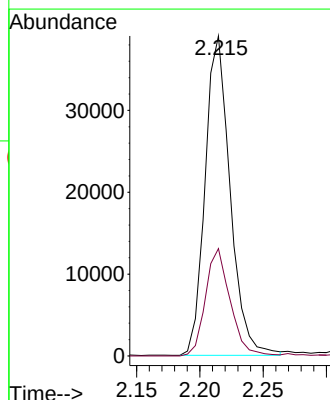
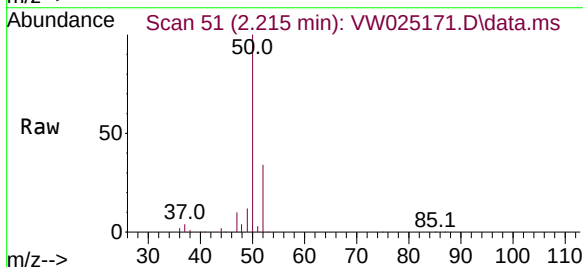
Instrument :
 MSVOA_W
 ClientSampleId :

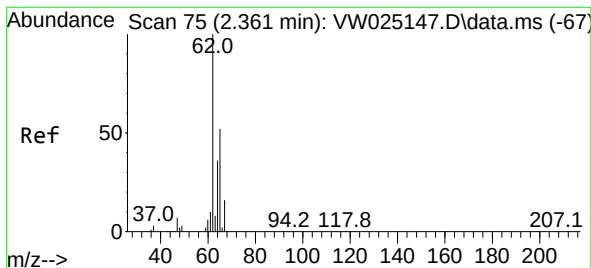
Tgt Ion: 85 Resp: 41373
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.0 37.6



#3
 Chloromethane
 Concen: 18.647 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW025171.D
 Acq: 22 Dec 2022 21:55

Tgt Ion: 50 Resp: 53774
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.1 41.1





#5

Vinyl chloride

Concen: 18.808 ug/L

RT: 2.361 min Scan# 75

Delta R.T. -0.000 min

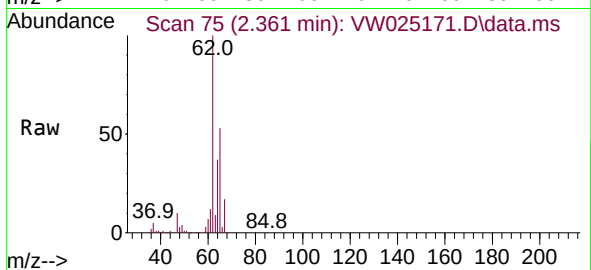
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Acq: 22 Dec 2022 21:55

Instrument :

MSVOA_W

ClientSampleId :

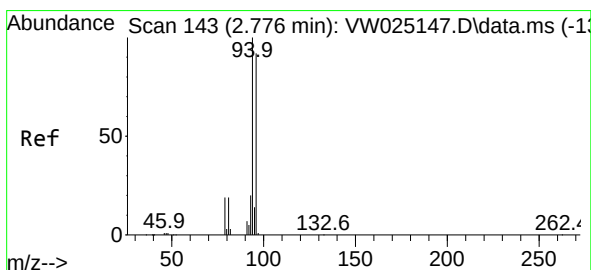
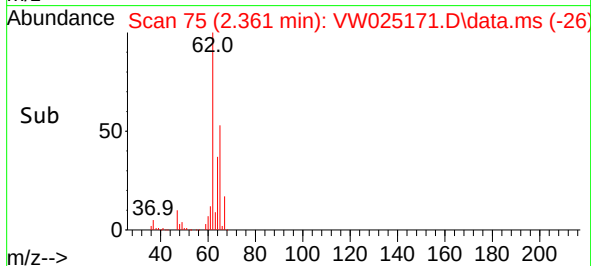
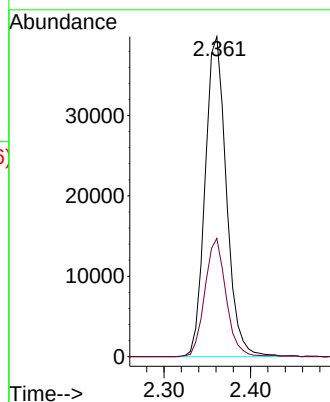


Tgt Ion: 62 Resp: 67848

Ion Ratio Lower Upper

62 100

64 36.9 24.8 46.1



#6

Bromomethane

Concen: 19.440 ug/L

RT: 2.776 min Scan# 143

Delta R.T. -0.000 min

Lab File: VW025171.D

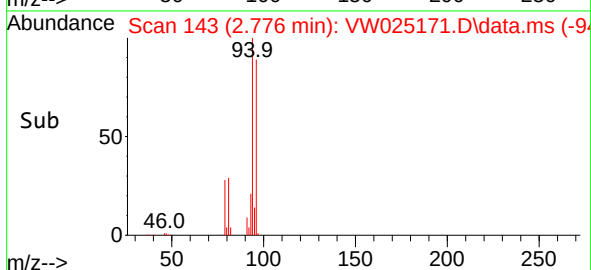
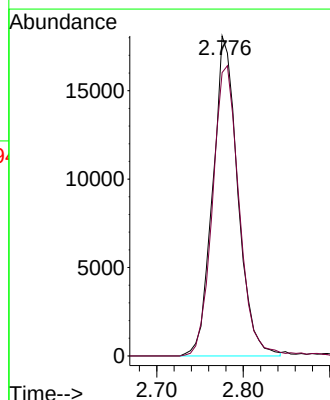
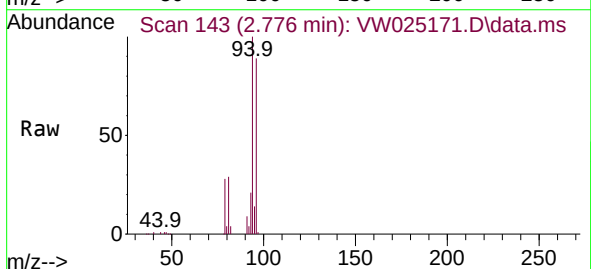
Acq: 22 Dec 2022 21:55

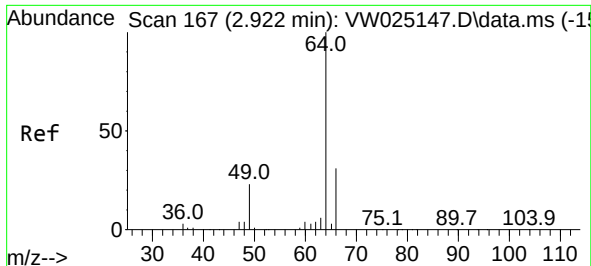
Tgt Ion: 94 Resp: 36339

Ion Ratio Lower Upper

94 100

96 88.6 66.7 123.9

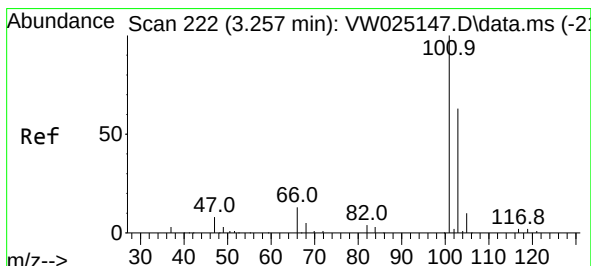
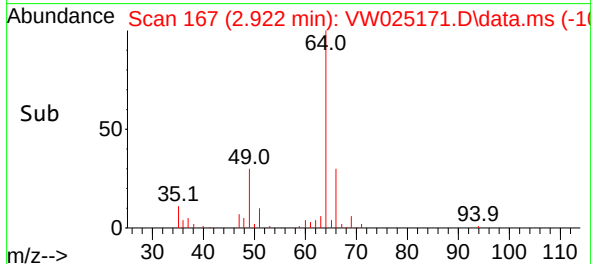
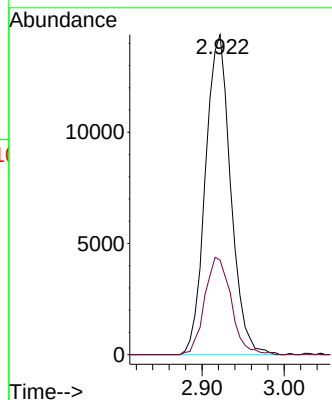
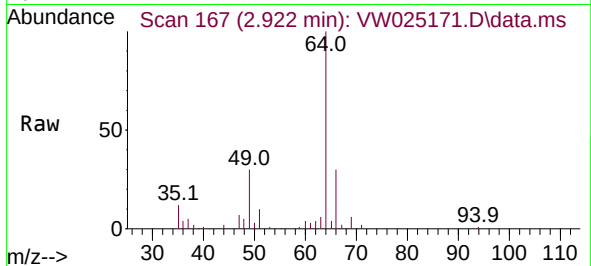




#8
Chloroethane
Concen: 18.421 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

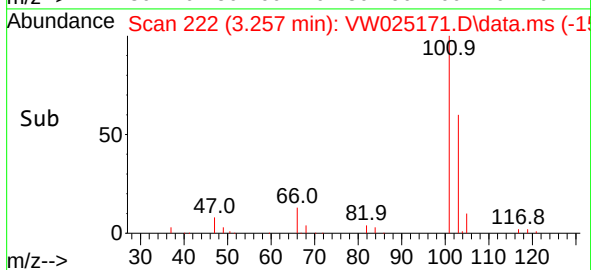
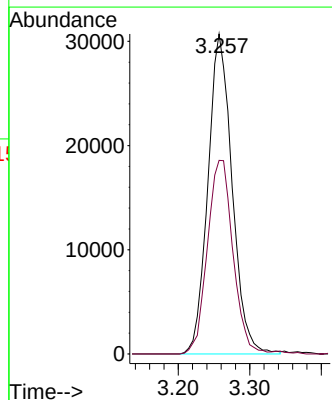
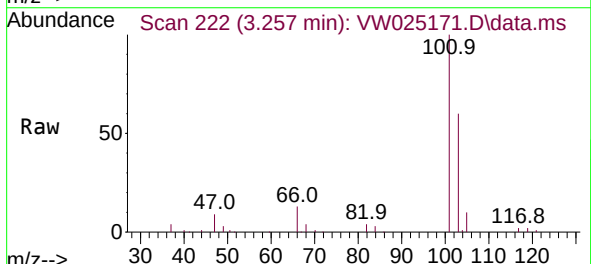
Instrument :
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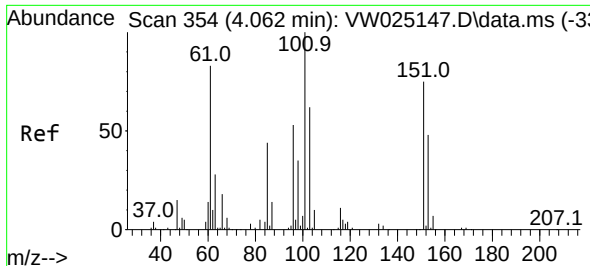
Tgt Ion: 64 Resp: 30736
Ion Ratio Lower Upper
64 100
66 29.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 26.682 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025171.D
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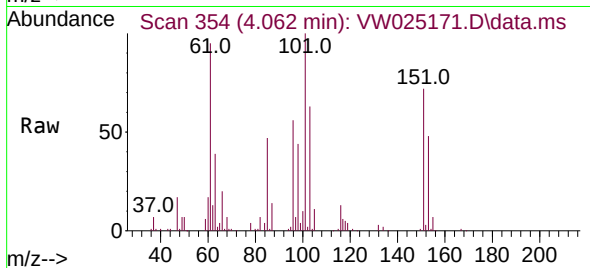
Tgt Ion:101 Resp: 72135
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3



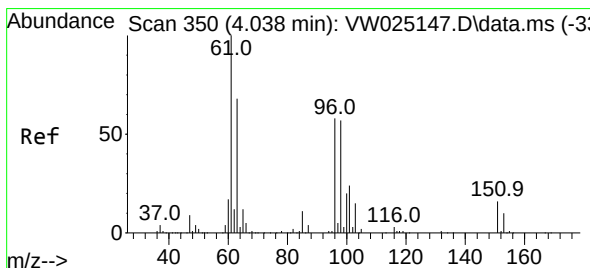
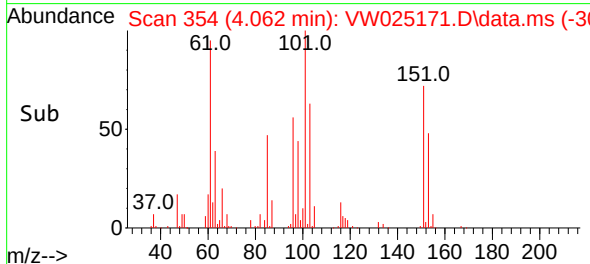
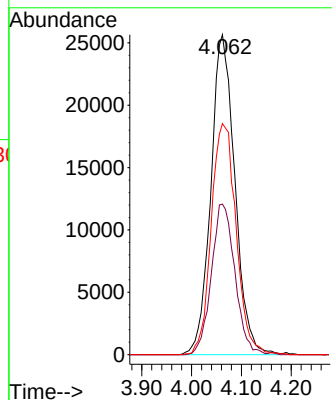


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.050 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW025171.D
 Acq: 22 Dec 2022 21:55

Instrument :
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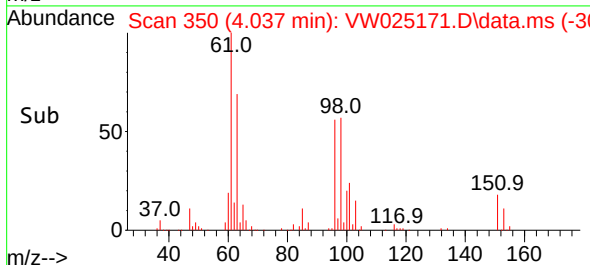
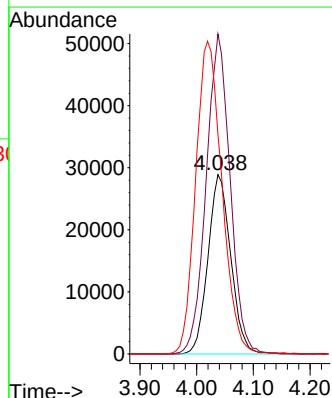
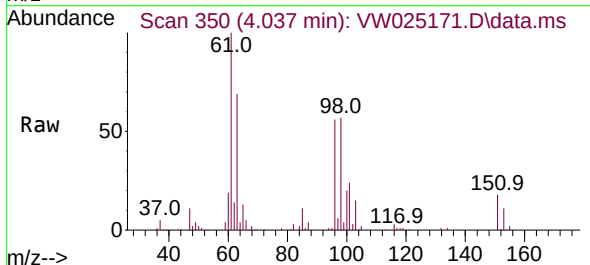


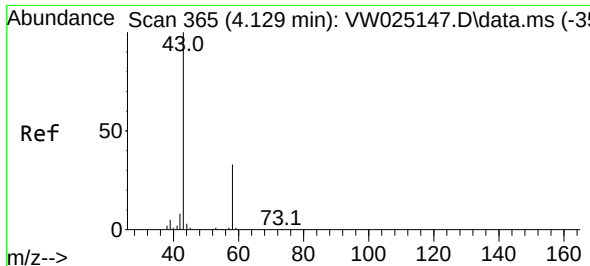
Tgt Ion:101 Resp: 85886
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.6 52.0
 151 74.7 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 23.712 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW025171.D
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Tgt Ion: 96 Resp: 80732
 Ion Ratio Lower Upper
 96 100
 61 178.4 120.8 224.4
 63 122.3 84.1 156.1

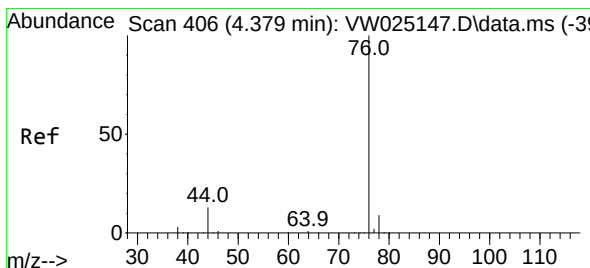
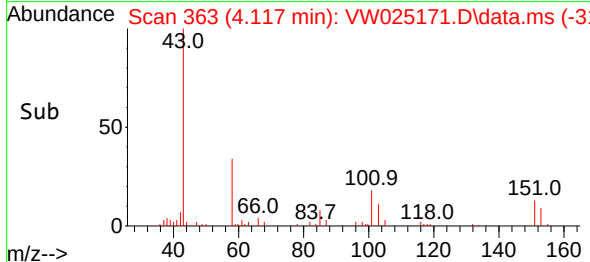
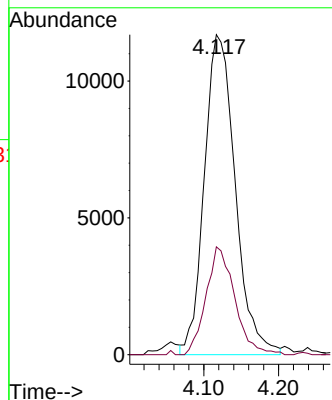
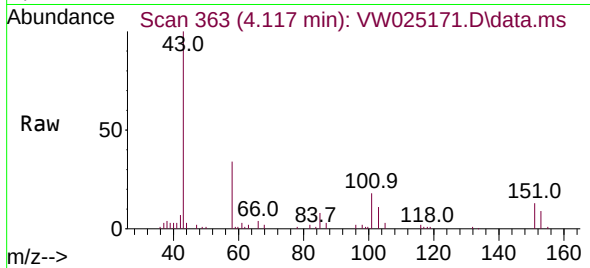




#13
Acetone
Concen: 41.823 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

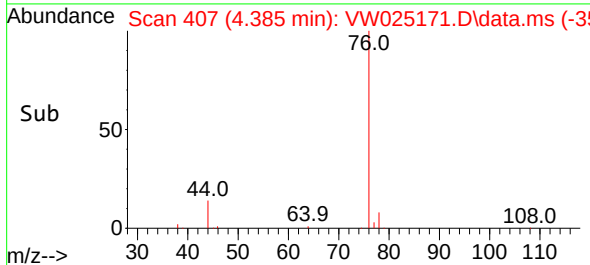
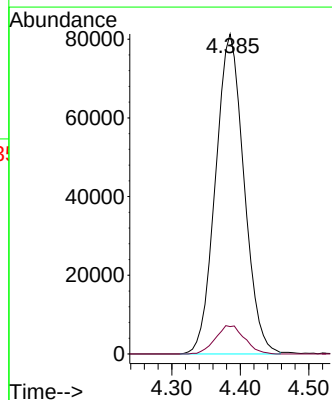
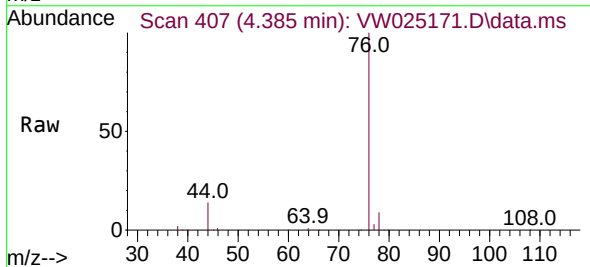
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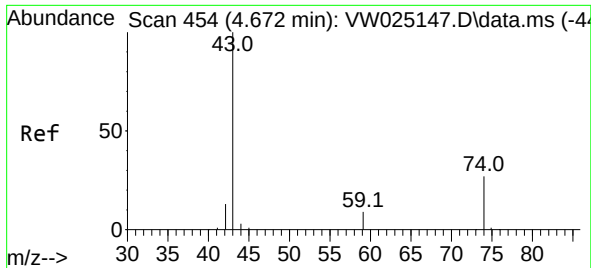
Tgt Ion: 43 Resp: 33622
Ion Ratio Lower Upper
43 100
58 31.3 0.0 65.2



#14
Carbon disulfide
Concen: 21.569 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 234440
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

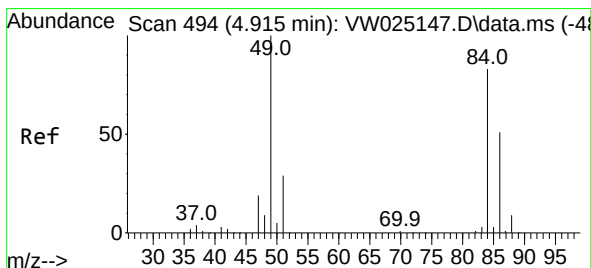
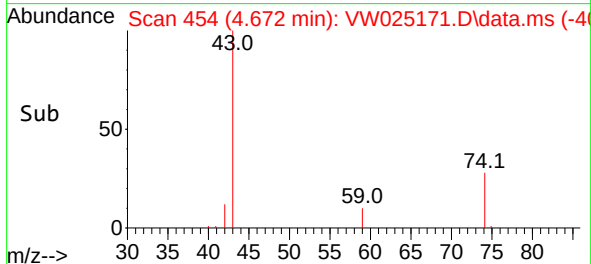
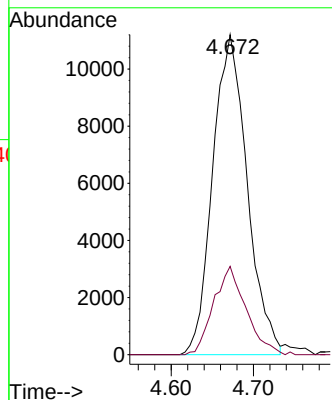
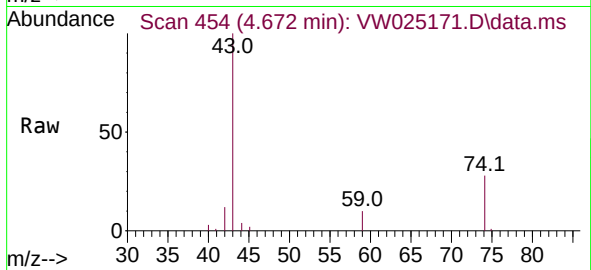




#15
Methyl Acetate
Concen: 24.883 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

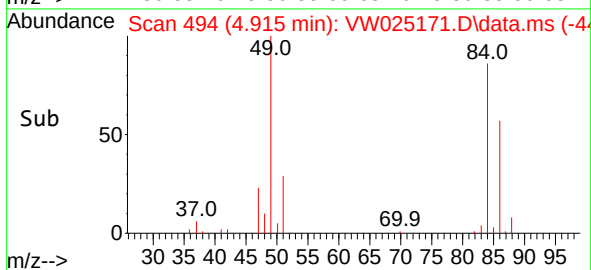
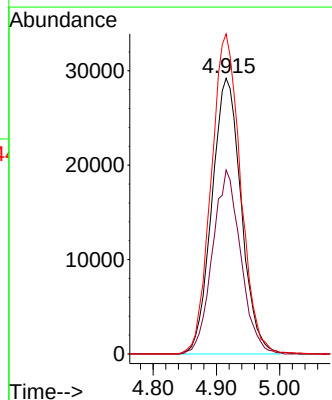
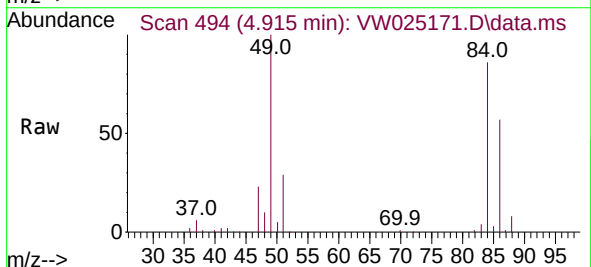
Instrument :
MSVOA_W
ClientSampleId :

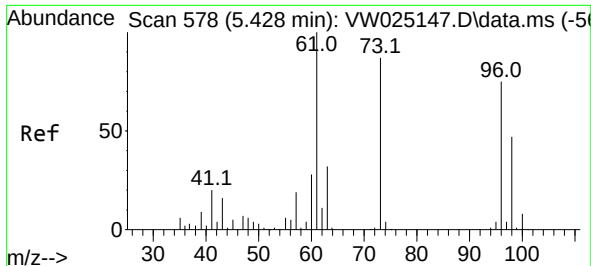
Tgt Ion: 43 Resp: 32650
Ion Ratio Lower Upper
43 100
74 25.9 19.5 29.3



#16
Methylene chloride
Concen: 22.240 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 84 Resp: 93933
Ion Ratio Lower Upper
84 100
86 66.7 45.0 83.6
49 116.0 86.3 160.3

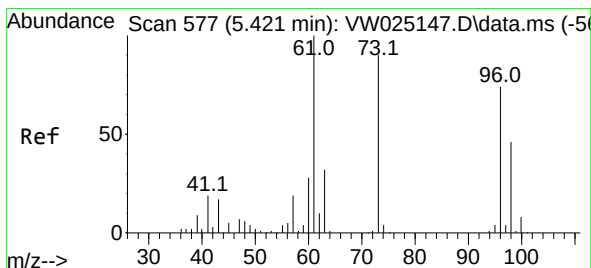
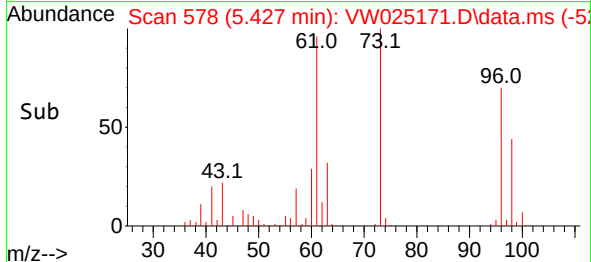
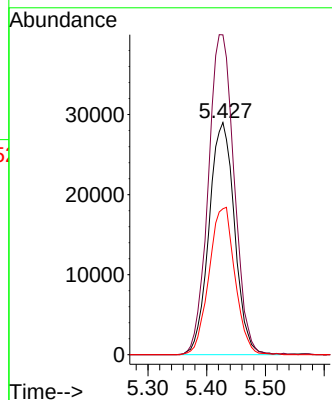
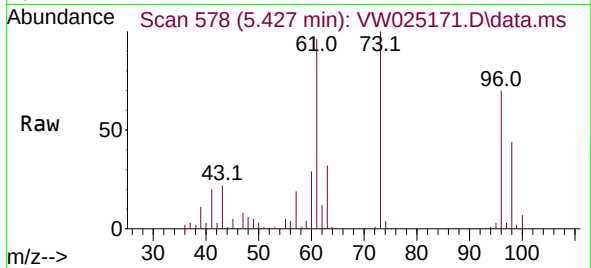




#17
trans-1,2-Dichloroethene
Concen: 24.278 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

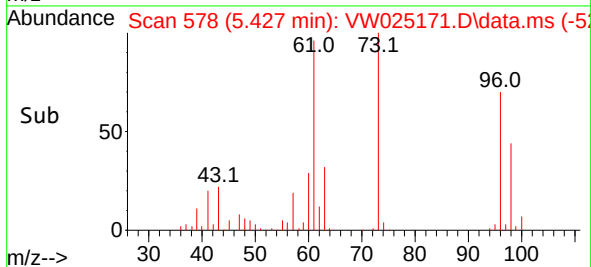
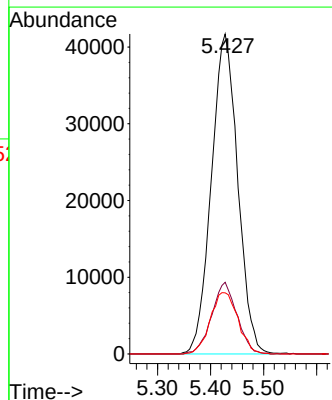
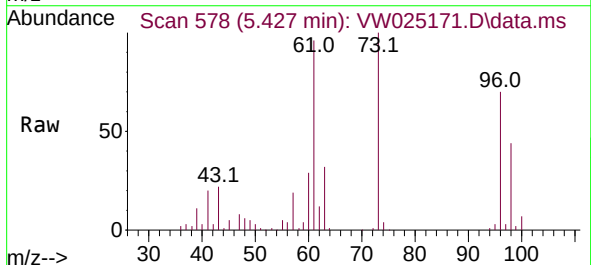
Instrument :
MSVOA_W
ClientSampleId :

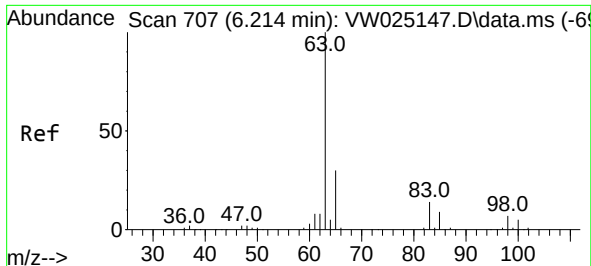
Tgt Ion: 96 Resp: 87625
Ion Ratio Lower Upper
96 100
61 137.8 95.5 177.3
98 62.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.898 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 73 Resp: 144053
Ion Ratio Lower Upper
73 100
43 21.5 15.6 23.4
57 20.1 17.5 26.3

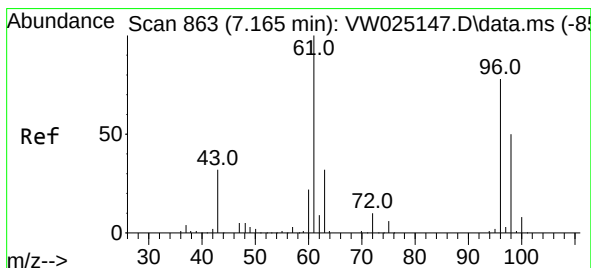
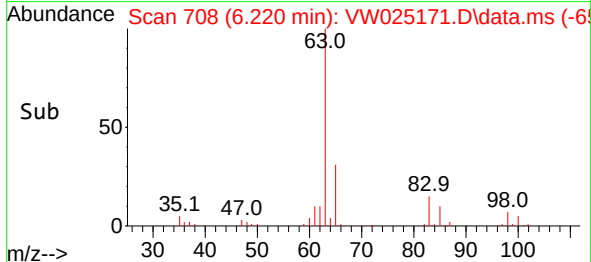
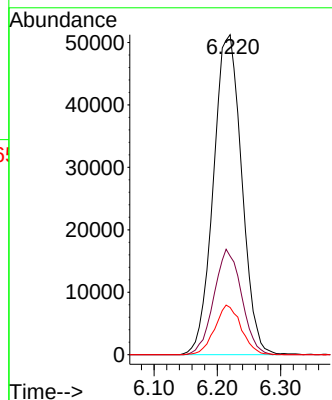
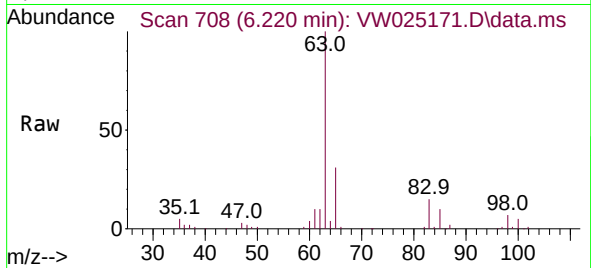




#19
1,1-Dichloroethane
Concen: 24.410 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

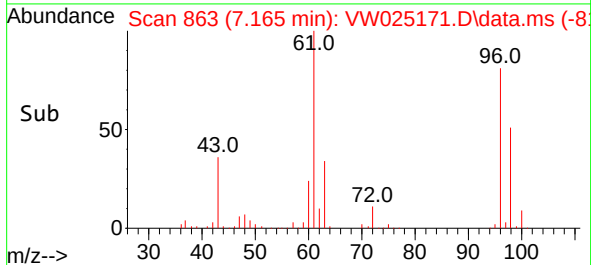
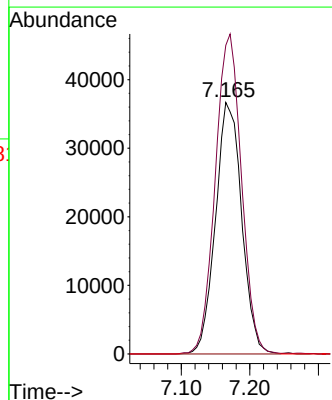
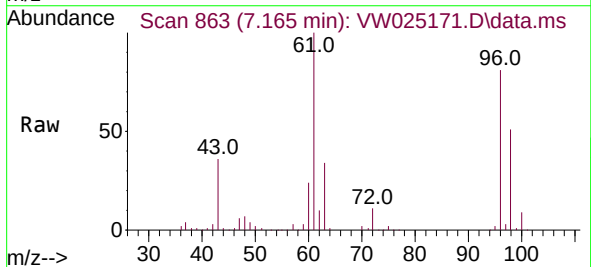
Instrument :
MSVOA_W
ClientSampleId :

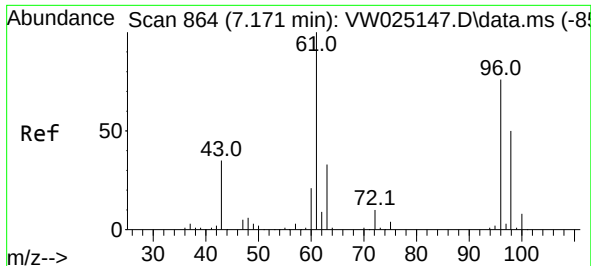
Tgt Ion: 63 Resp: 159197
Ion Ratio Lower Upper
63 100
65 30.8 22.2 41.2
83 14.7 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 25.489 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 96 Resp: 97277
Ion Ratio Lower Upper
96 100
61 122.7 93.7 173.9
68 0.0 0.0 0.0

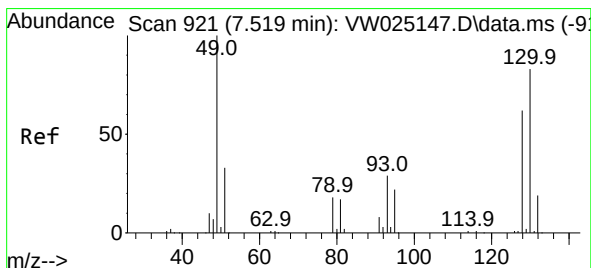
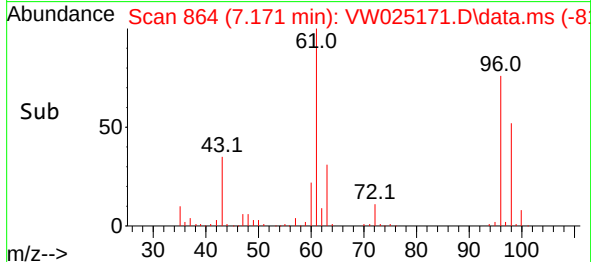
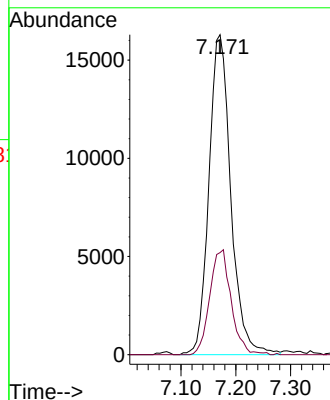
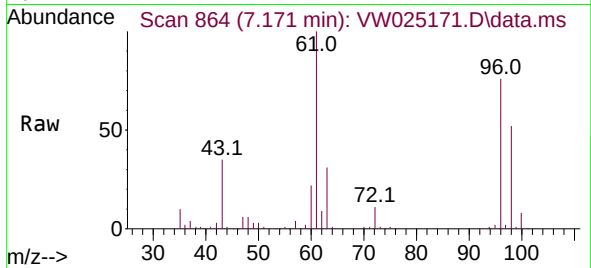




#22
2-Butanone
Concen: 44.634 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

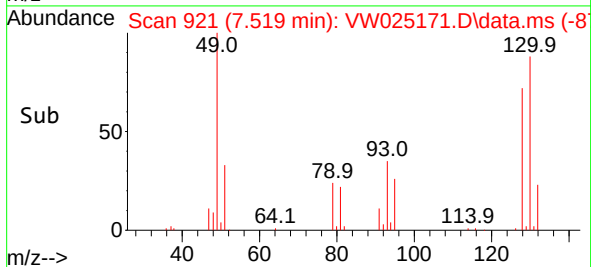
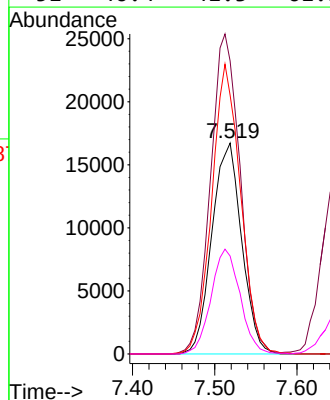
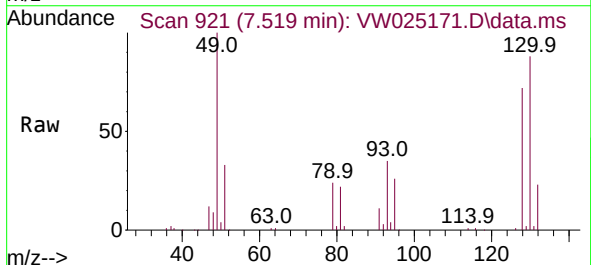
Instrument :
MSVOA_W
ClientSampleId :

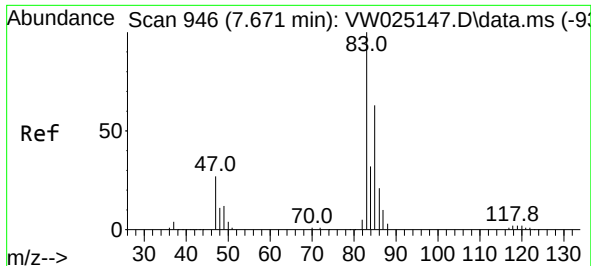
Tgt Ion: 43 Resp: 45142
Ion Ratio Lower Upper
43 100
72 31.6 15.0 45.0



#23
Bromochloromethane
Concen: 26.051 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 128 Resp: 42071
Ion Ratio Lower Upper
128 100
49 138.9 114.1 211.9
130 122.7 89.0 165.2
51 46.4 41.3 61.9

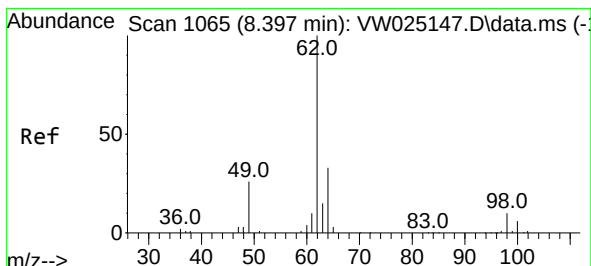
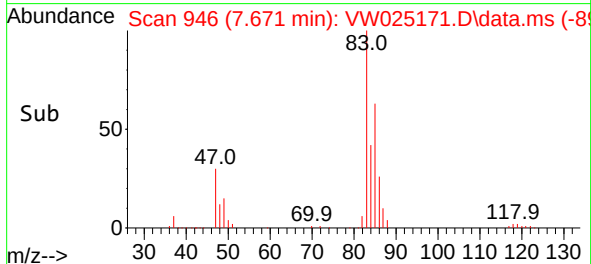
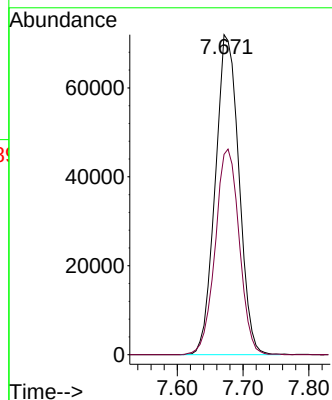
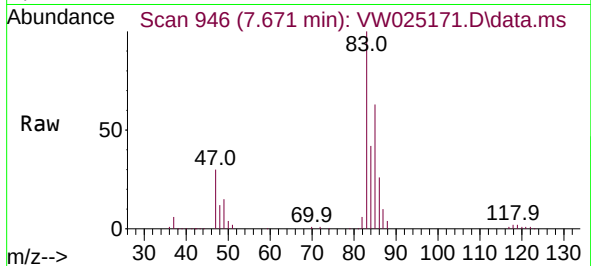




#25
Chloroform
Concen: 27.289 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

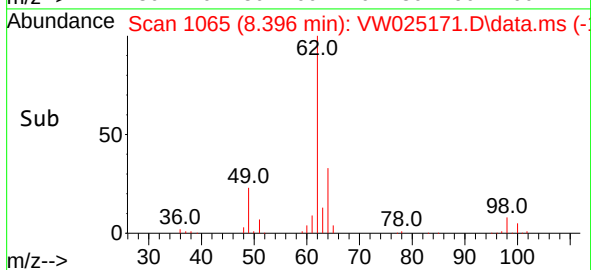
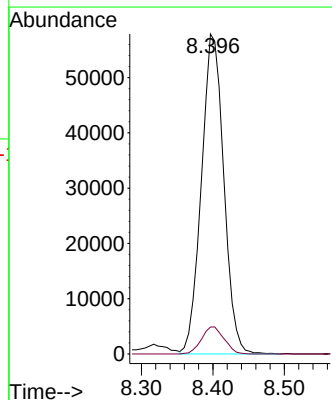
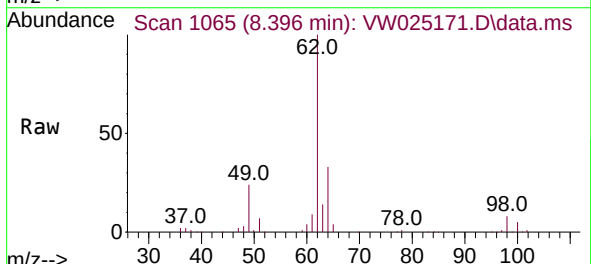
Instrument :
MSVOA_W
ClientSampleId :

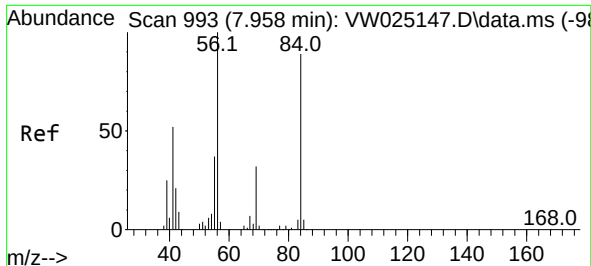
Tgt Ion: 83 Resp: 180096
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 30.295 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 62 Resp: 125882
Ion Ratio Lower Upper
62 100
98 8.4 7.8 11.8





#29

Cyclohexane

Concen: 21.338 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

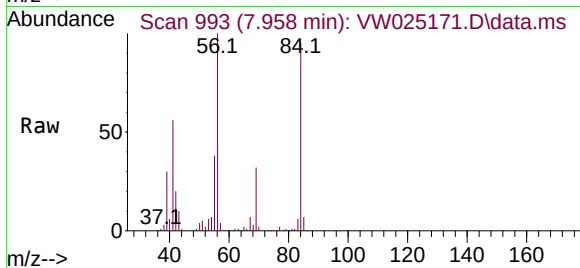
Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

Instrument :

MSVOA_W

ClientSampleId :



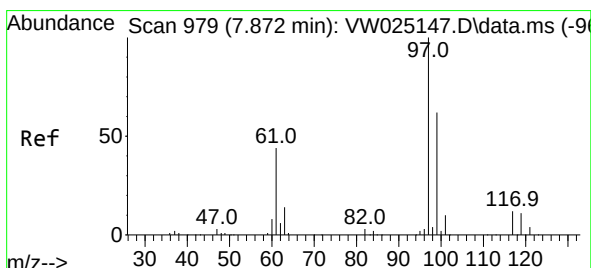
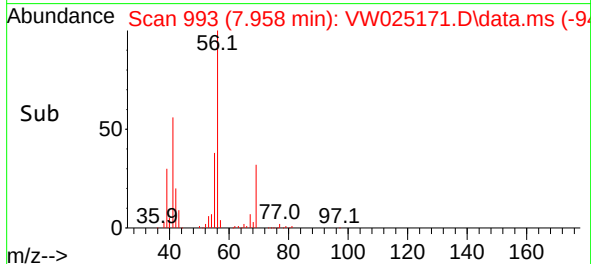
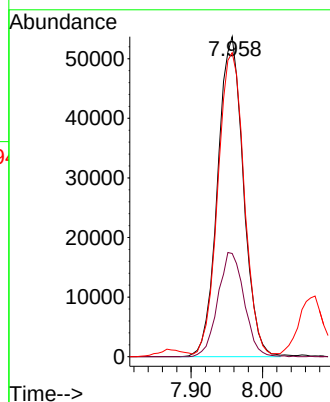
Tgt Ion: 56 Resp: 134115

Ion Ratio Lower Upper

56 100

69 33.1 25.0 37.6

84 97.2 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 26.915 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

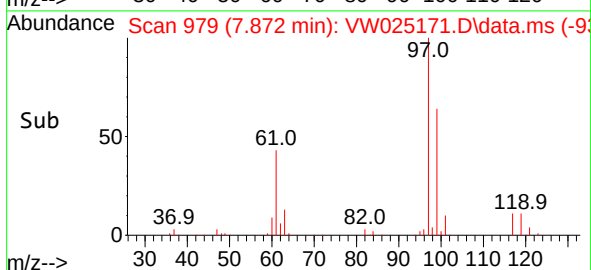
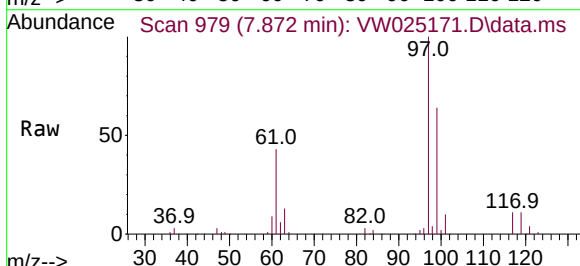
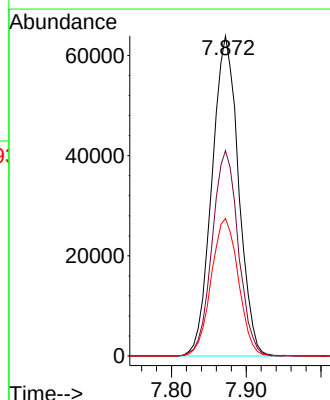
Tgt Ion: 97 Resp: 157706

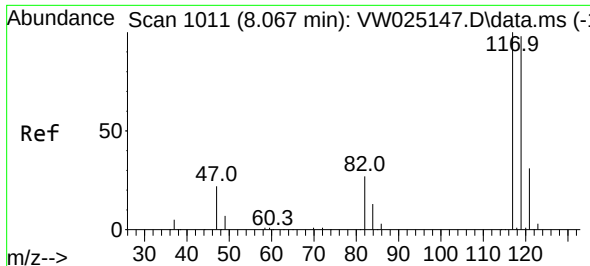
Ion Ratio Lower Upper

97 100

99 63.3 50.9 76.3

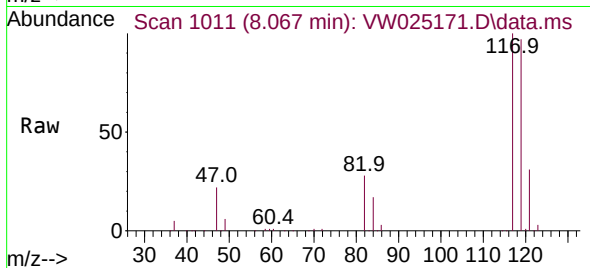
61 43.9 35.5 53.3



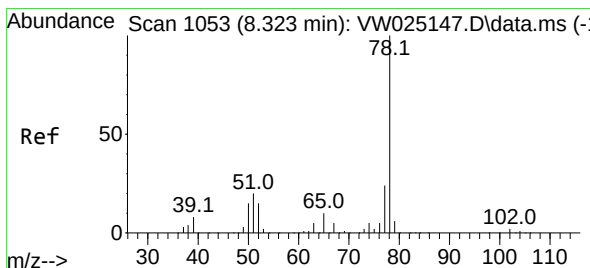
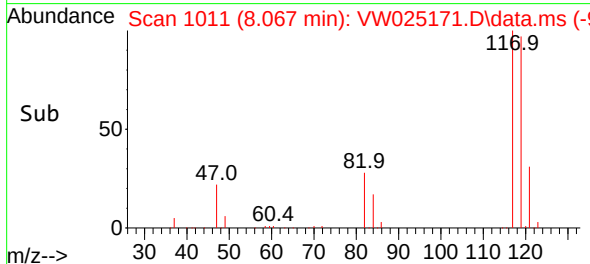
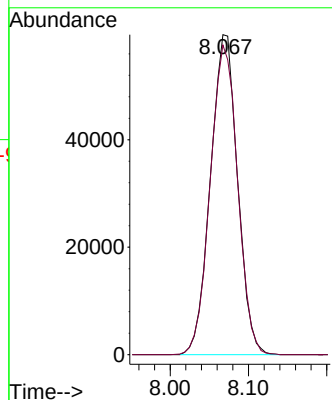


#31
Carbon tetrachloride
Concen: 26.585 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Instrument :
MSVOA_W
ClientSampleId :

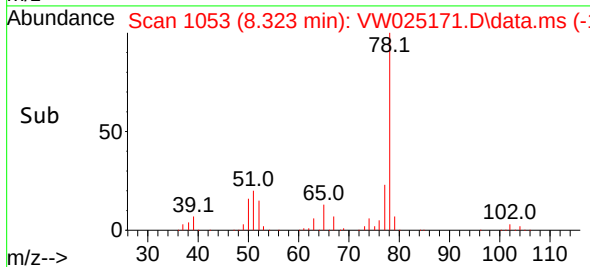
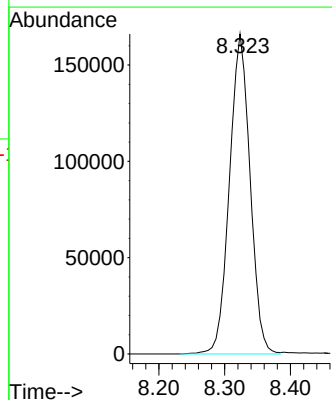
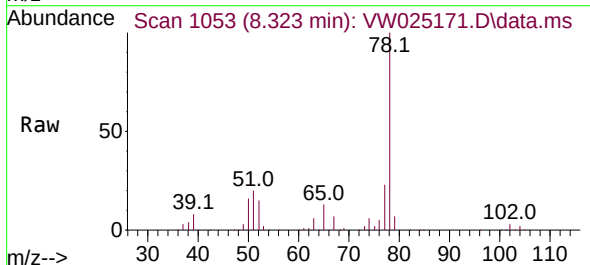


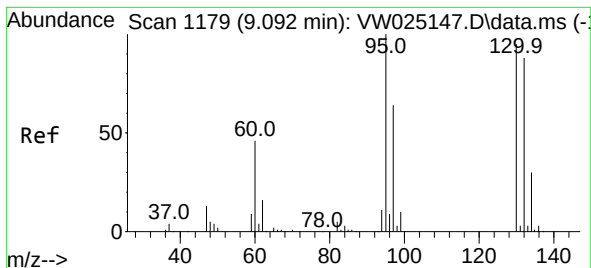
Tgt Ion:117 Resp: 143230
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.4



#33
Benzene
Concen: 23.578 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 78 Resp: 362553





#34

Trichloroethene

Concen: 24.194 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

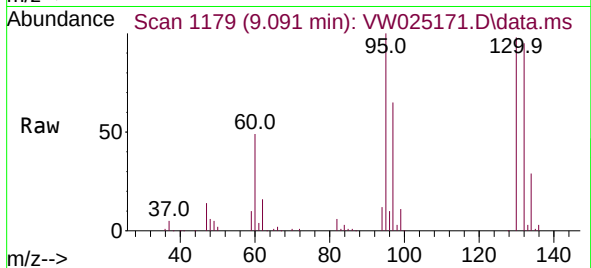
Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 97449

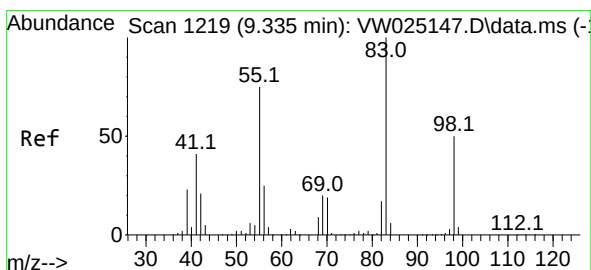
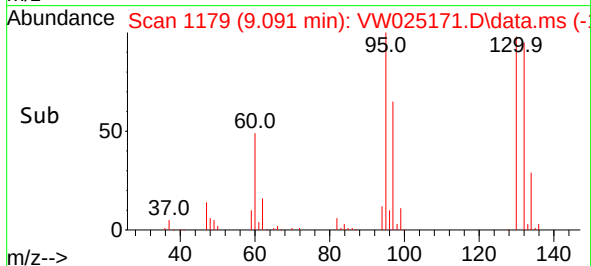
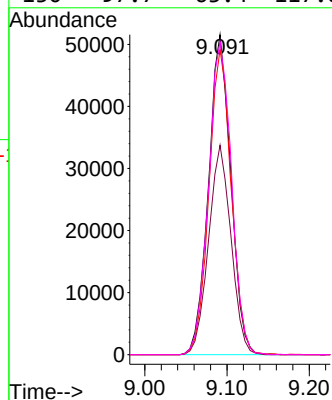
Ion Ratio Lower Upper

95 100

97 65.4 44.3 82.3

132 95.3 63.0 117.0

130 97.7 63.4 117.8



#35

Methylcyclohexane

Concen: 22.473 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

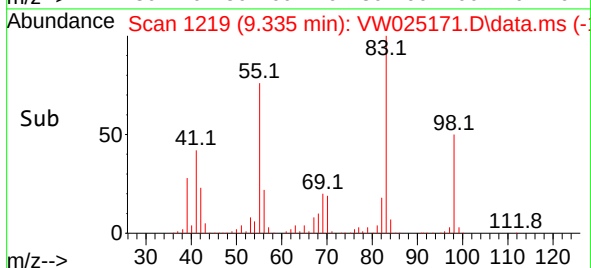
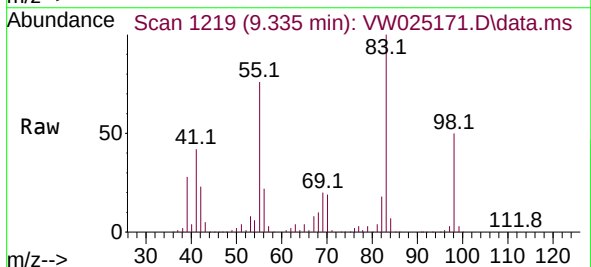
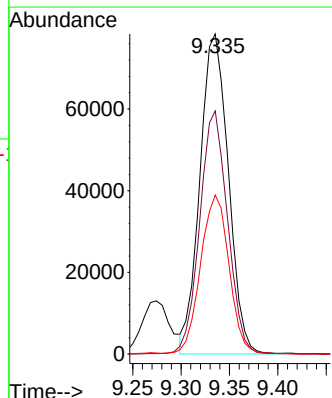
Tgt Ion: 83 Resp: 160551

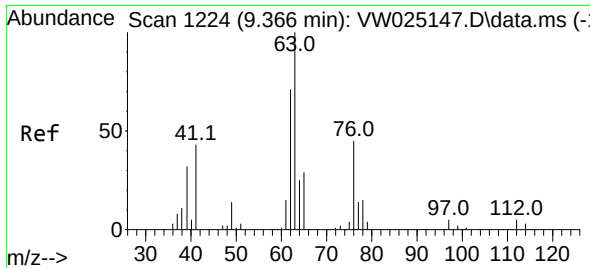
Ion Ratio Lower Upper

83 100

55 74.3 59.3 88.9

98 49.8 38.6 57.8

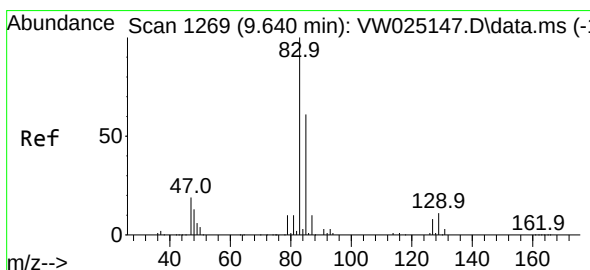
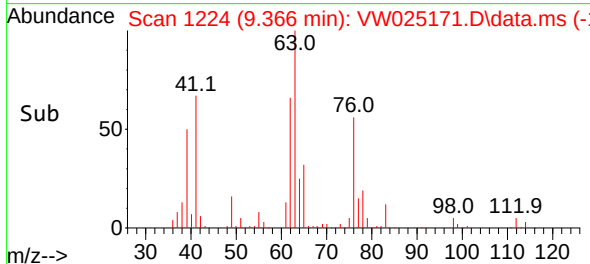
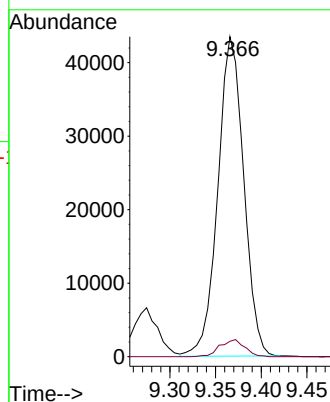
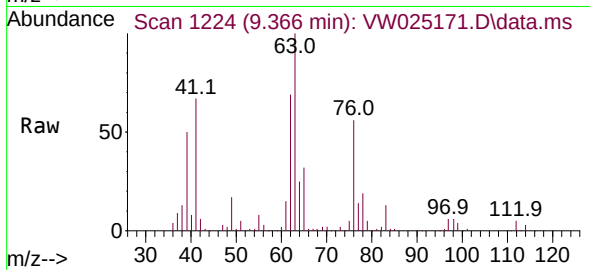




#37
1,2-Dichloropropane
Concen: 23.102 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

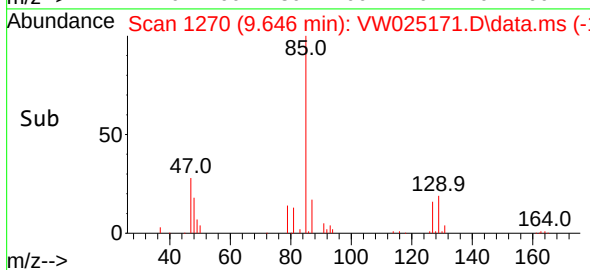
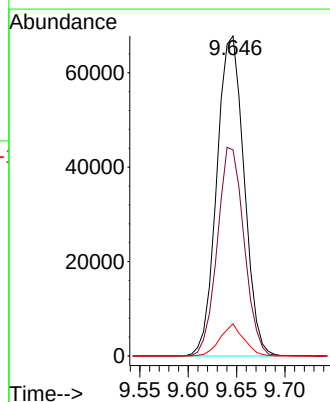
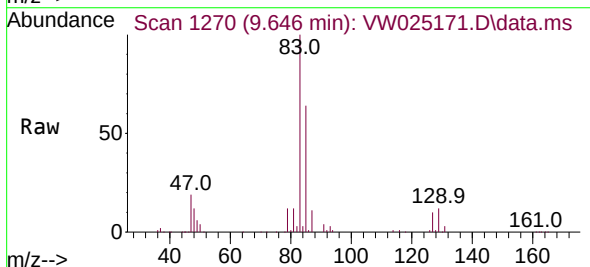
Instrument :
MSVOA_W
ClientSampleId :

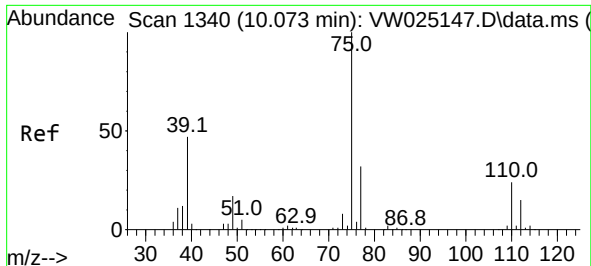
Tgt Ion: 63 Resp: 85680
Ion Ratio Lower Upper
63 100
112 5.1 3.4 5.2



#38
Bromodichloromethane
Concen: 27.137 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 83 Resp: 132956
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2
127 10.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 25.928 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

Instrument :

MSVOA_W

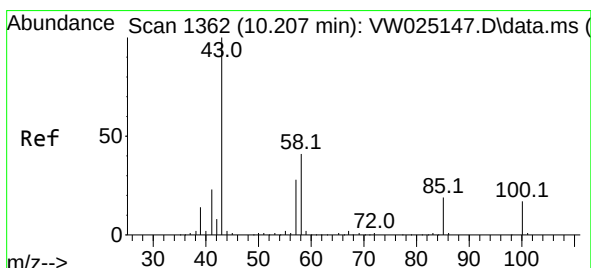
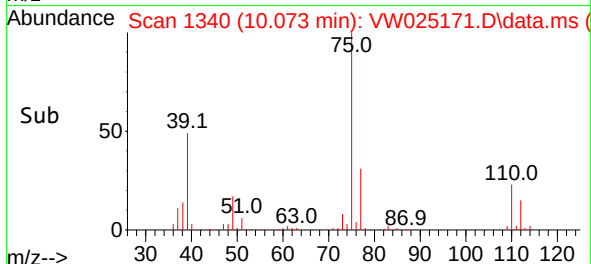
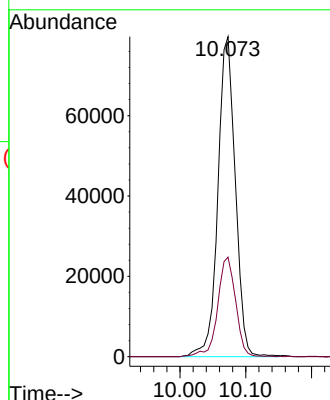
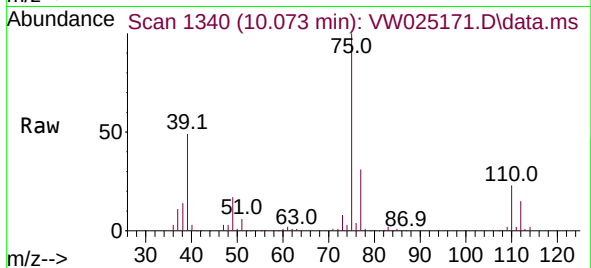
ClientSampleId :

Tgt Ion: 75 Resp: 146926

Ion Ratio Lower Upper

75 100

77 31.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 52.122 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

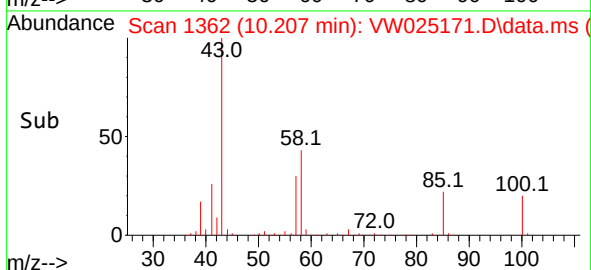
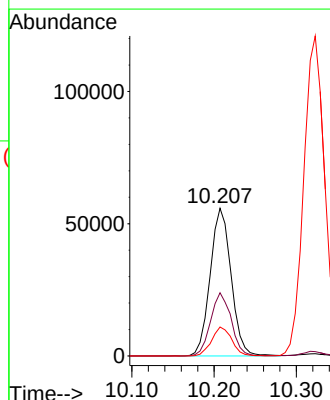
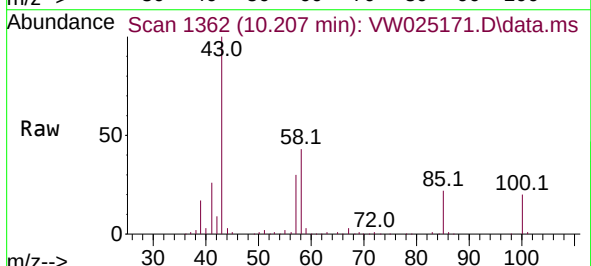
Tgt Ion: 43 Resp: 99093

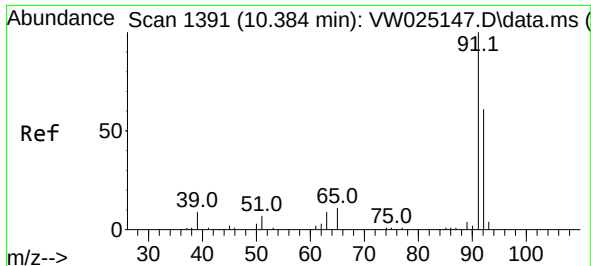
Ion Ratio Lower Upper

43 100

58 41.9 33.3 49.9

100 18.9 13.8 20.6

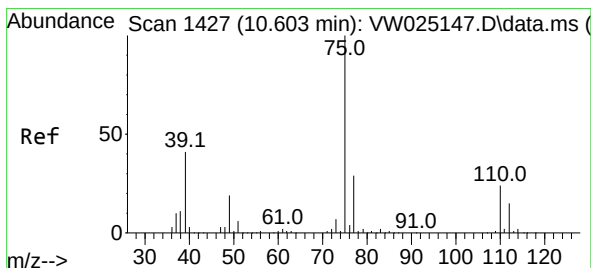
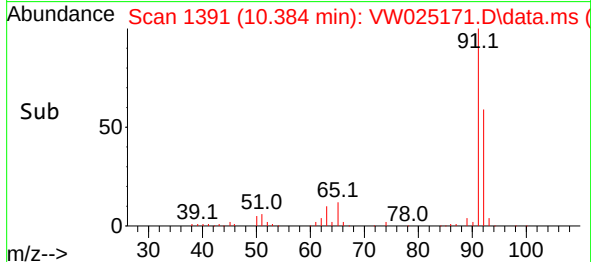
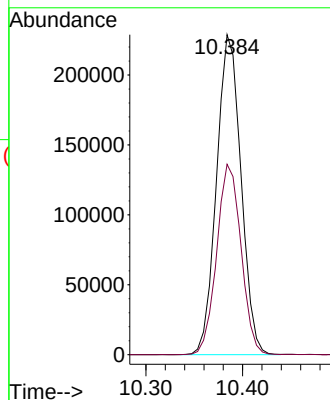
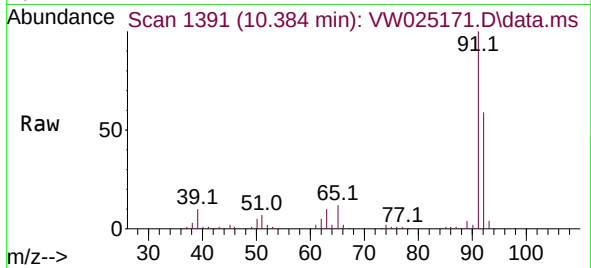




#42
Toluene
Concen: 24.940 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

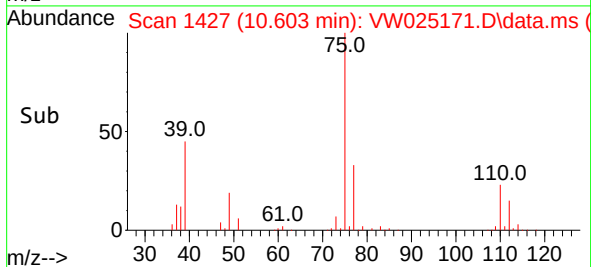
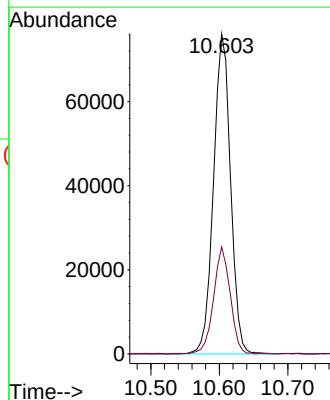
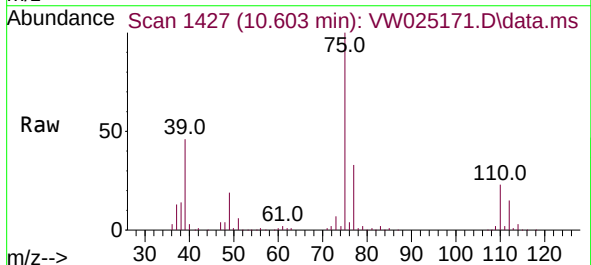
Instrument :
MSVOA_W
ClientSampleId :

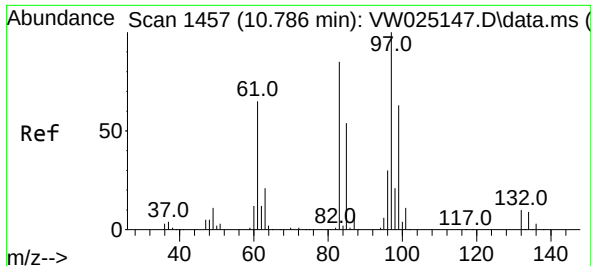
Tgt Ion: 91 Resp: 401809
Ion Ratio Lower Upper
91 100
92 59.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 27.037 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 75 Resp: 131211
Ion Ratio Lower Upper
75 100
77 33.4 22.5 41.7

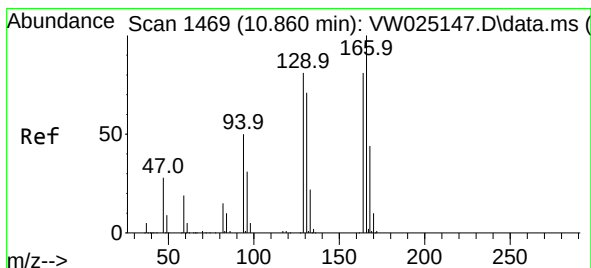
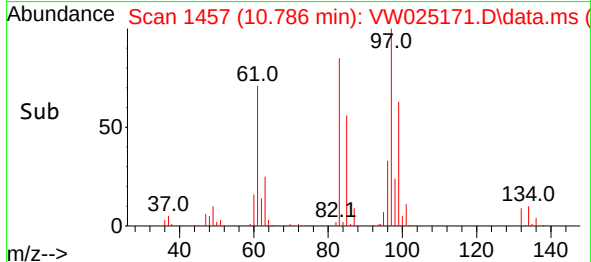
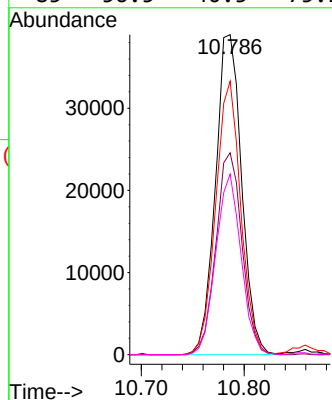
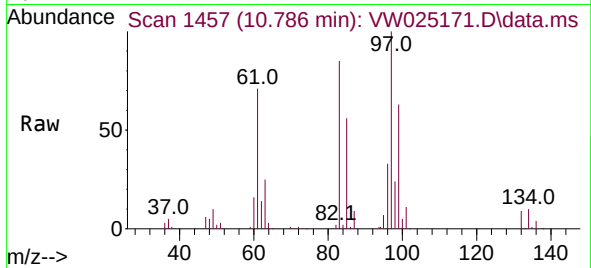




#45
1,1,2-Trichloroethane
Concen: 26.076 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

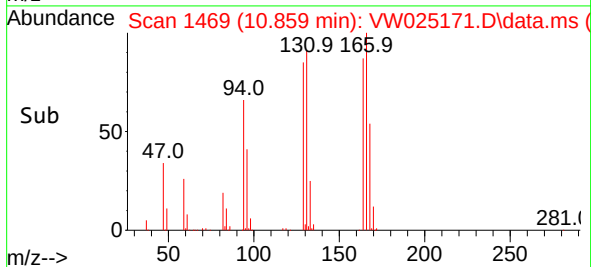
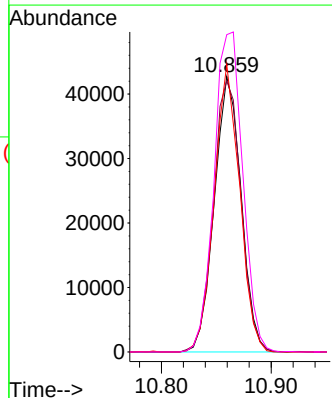
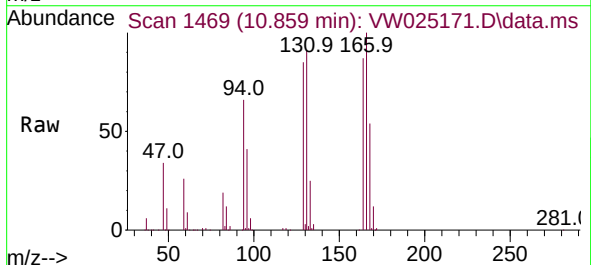
Instrument :
MSVOA_W
ClientSampleId :

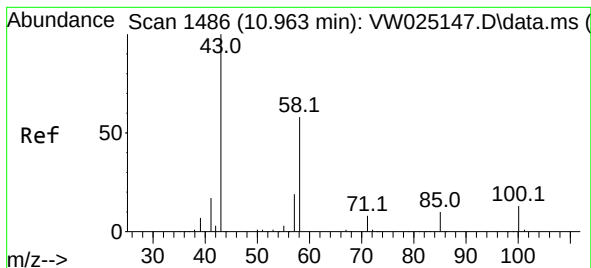
Tgt Ion: 97	Resp: 69014
Ion Ratio	Lower Upper
97 100	
99 63.1	44.3 82.3
83 85.4	61.3 113.9
85 56.5	40.5 75.1



#46
Tetrachloroethene
Concen: 24.707 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt	Ion:164	Resp:	72443
Ion	Ratio	Lower	Upper
164	100		
129	98.5	73.4	136.4
131	104.4	70.8	131.4
166	115.2	88.3	164.1

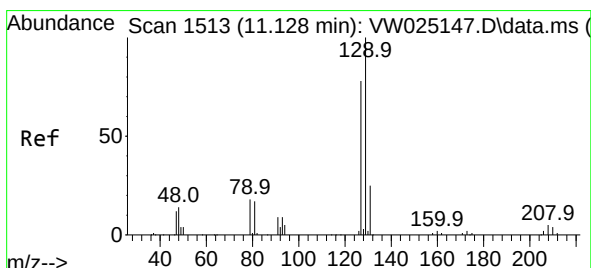
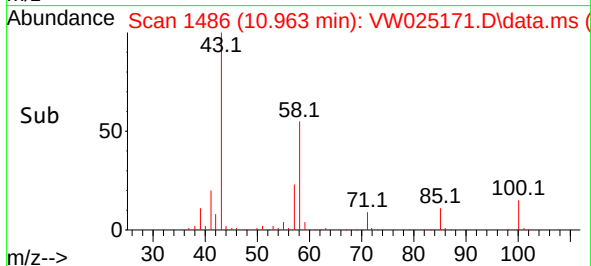
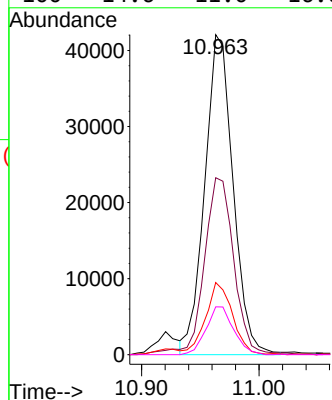
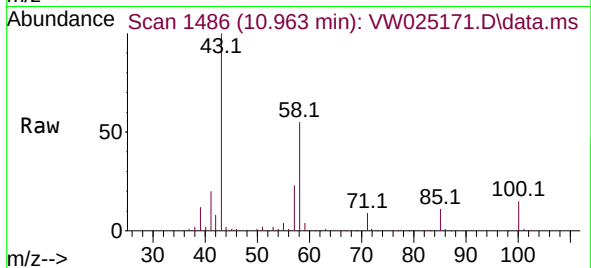




#48
2-Hexanone
Concen: 50.844 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

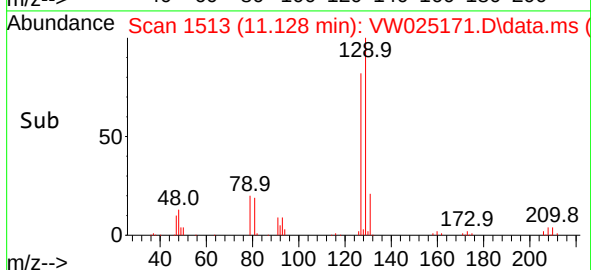
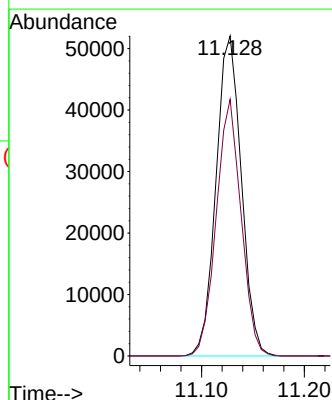
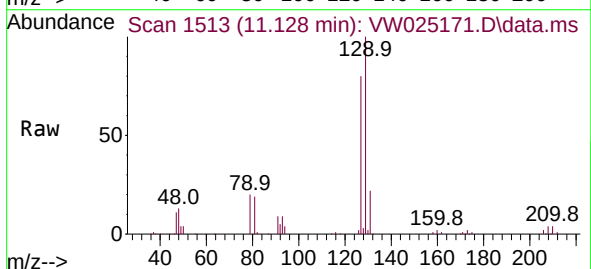
Instrument :
MSVOA_W
ClientSampleId :

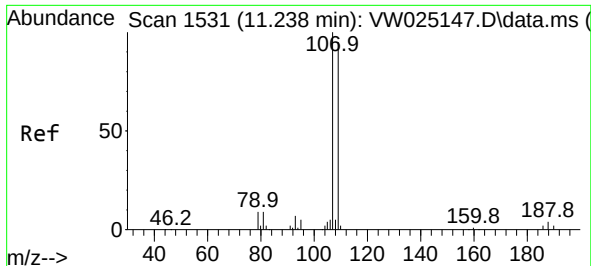
Tgt Ion: 43	Resp:	70604
Ion	Ratio	Lower Upper
43	100	
58	56.3	46.6 69.8
57	21.4	16.7 25.1
100	14.6	11.0 16.6



#49
Dibromochloromethane
Concen: 28.011 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 129	Resp:	89033
Ion	Ratio	Lower Upper
129	100	
127	80.2	49.7 92.3

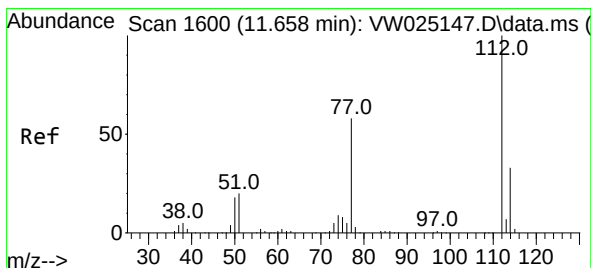
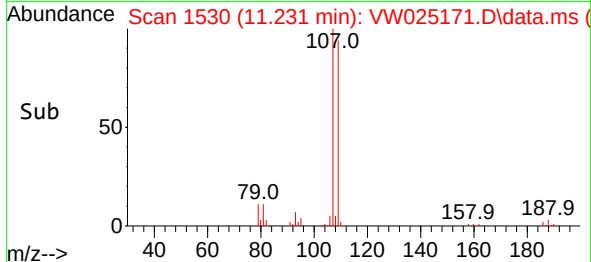
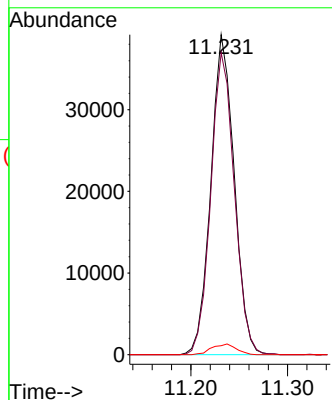
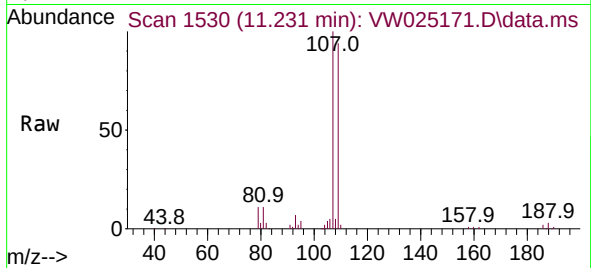




#50
1,2-Dibromoethane
Concen: 26.711 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

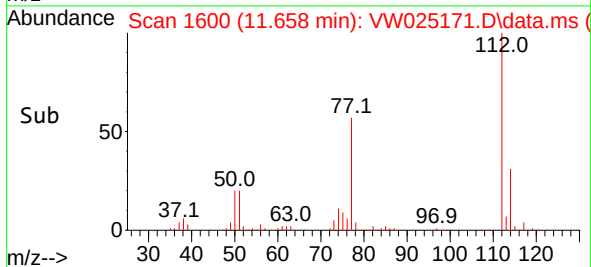
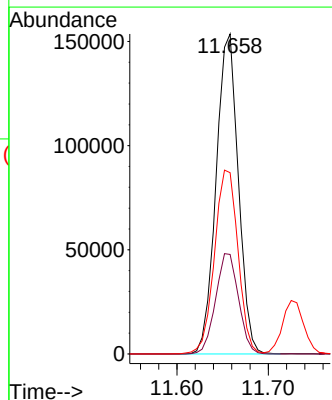
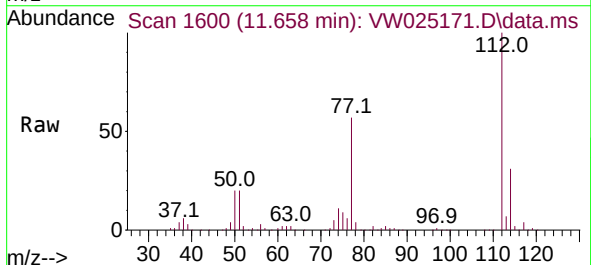
Instrument :
MSVOA_W
ClientSampleId :

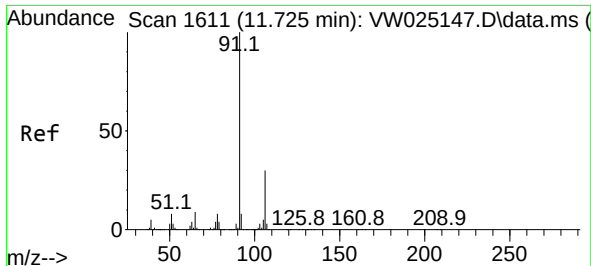
Tgt Ion:107 Resp: 65819
Ion Ratio Lower Upper
107 100
109 94.3 66.8 124.2
188 2.8 2.9 4.3#



#51
Chlorobenzene
Concen: 25.183 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion:112 Resp: 259651
Ion Ratio Lower Upper
112 100
114 31.1 23.2 43.2
77 56.7 47.2 70.8

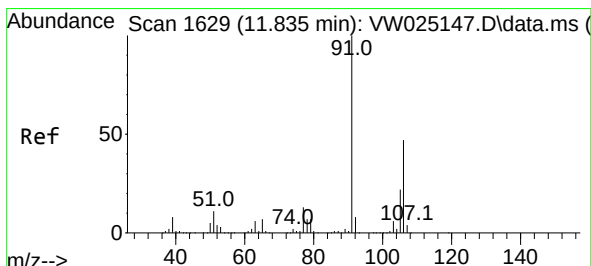
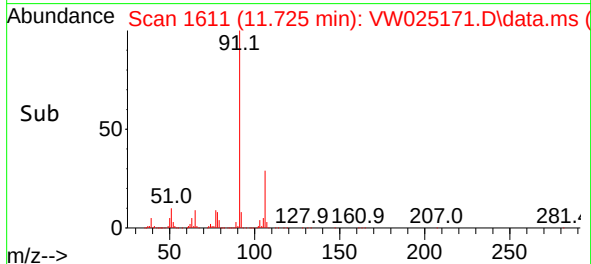
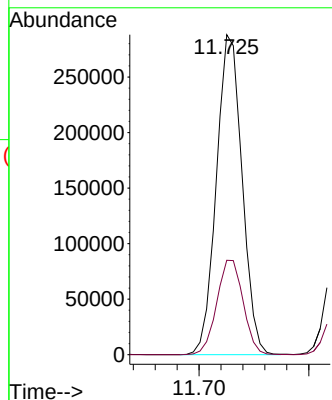
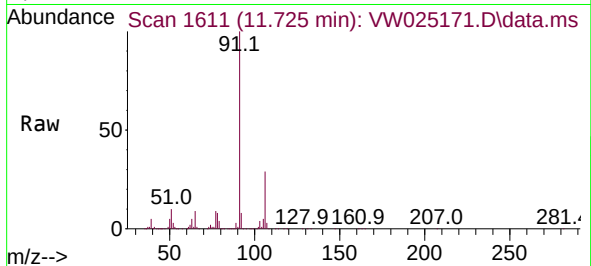




#52
Ethylbenzene
Concen: 25.728 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

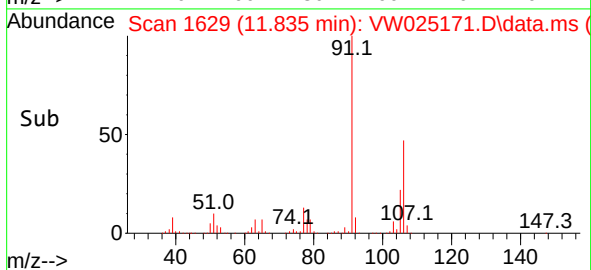
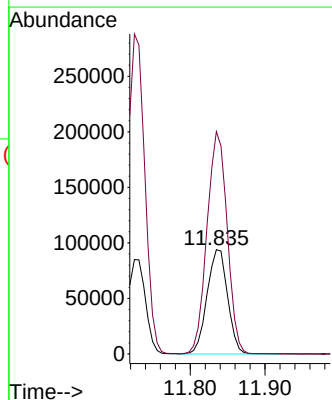
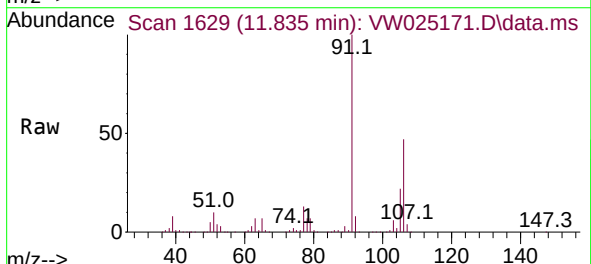
Instrument :
MSVOA_W
ClientSampleId :

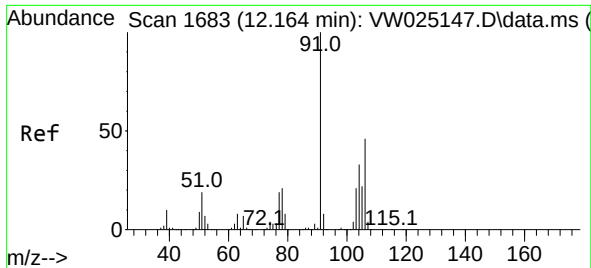
Tgt Ion: 91 Resp: 469730
Ion Ratio Lower Upper
91 100
106 29.5 21.9 40.7



#53
m,p-Xylene
Concen: 25.671 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion:106 Resp: 178990
Ion Ratio Lower Upper
106 100
91 213.1 139.7 259.4

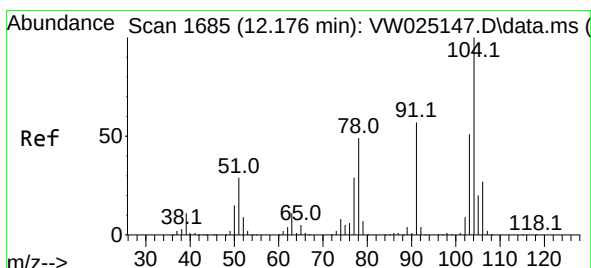
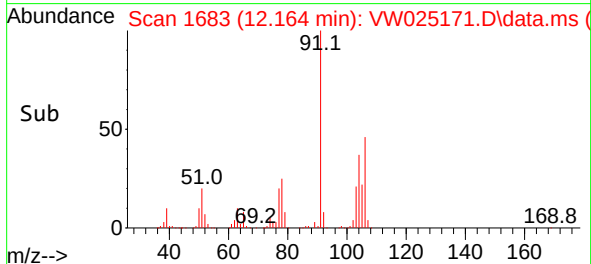
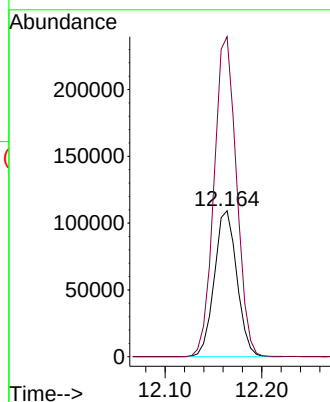
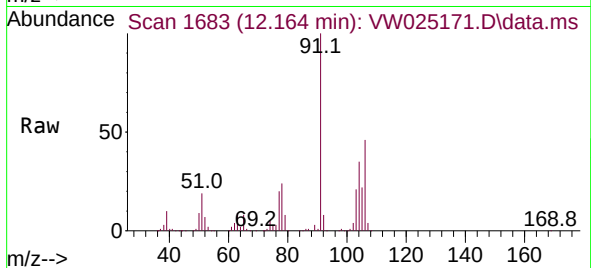




#54
o-Xylene
Concen: 26.559 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

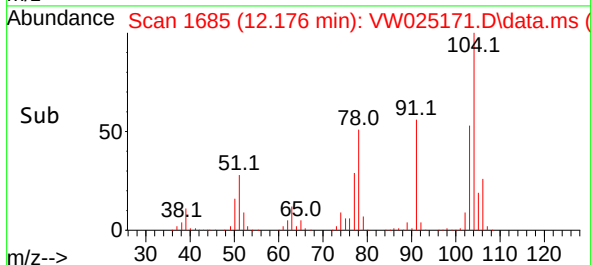
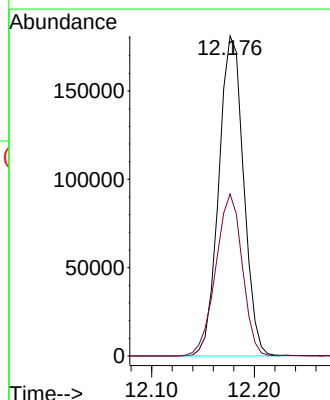
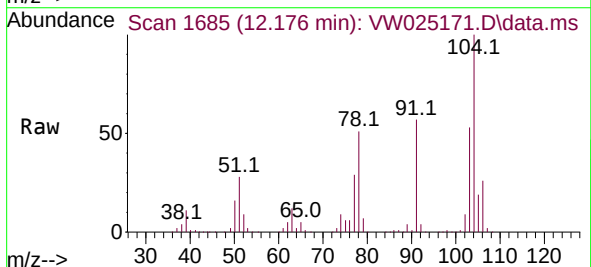
Instrument :
MSVOA_W
ClientSampleId :

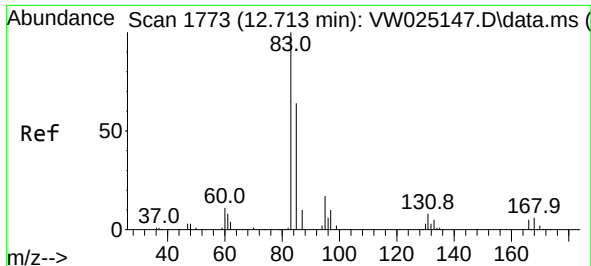
Tgt Ion:106 Resp: 176485
Ion Ratio Lower Upper
106 100
91 219.4 148.8 276.4



#55
Styrene
Concen: 27.003 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion:104 Resp: 303865
Ion Ratio Lower Upper
104 100
78 50.6 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.636 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025171.D

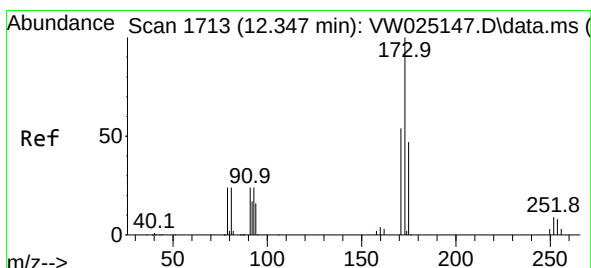
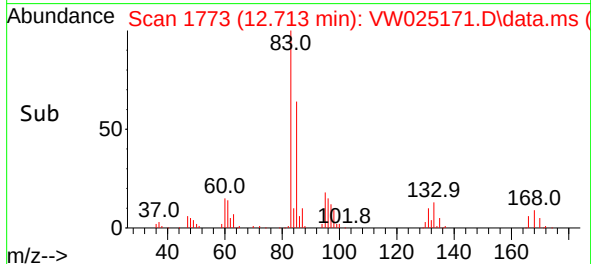
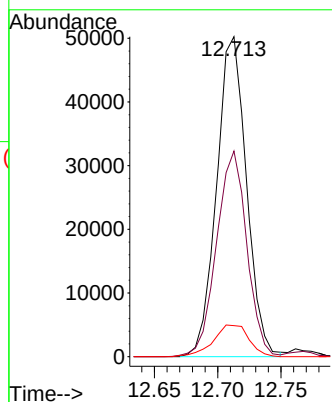
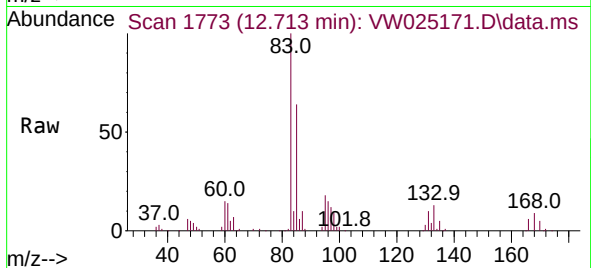
Acq: 22 Dec 2022 21:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 82442
Ion Ratio	Lower Upper
83 100	
85 64.3	46.8 87.0
131 9.7	8.2 12.2



#59

Bromoform

Concen: 26.781 ug/L

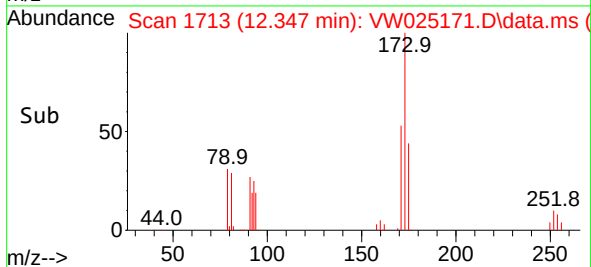
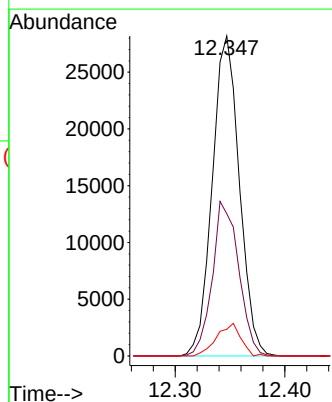
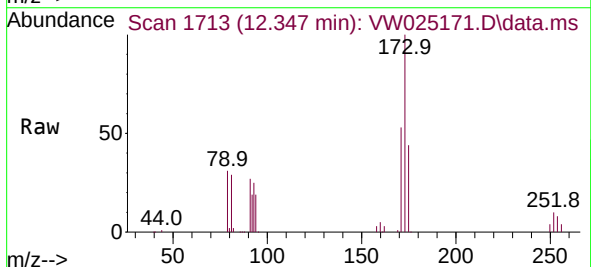
RT: 12.347 min Scan# 1713

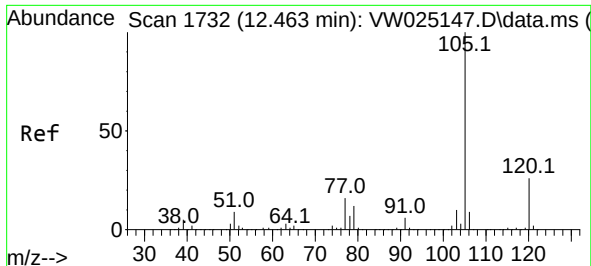
Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

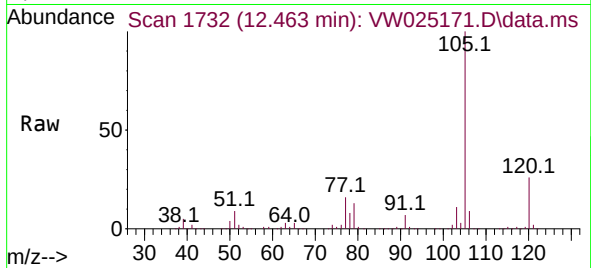
Tgt Ion: 173	Resp: 48362
Ion Ratio	Lower Upper
173 100	
175 47.0	37.4 56.0
254 9.0	6.8 10.2



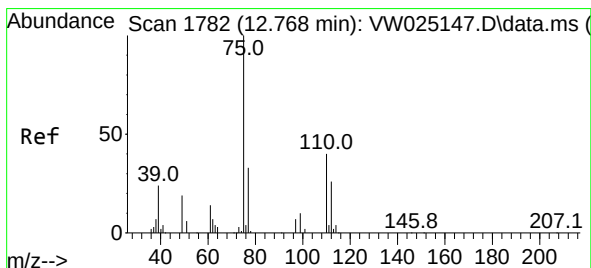
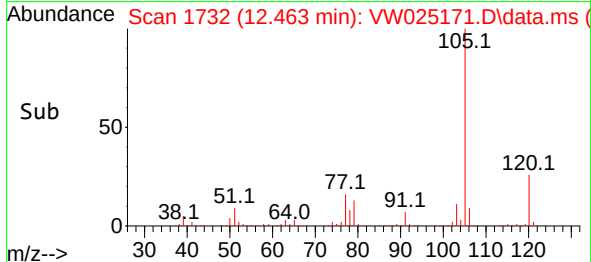
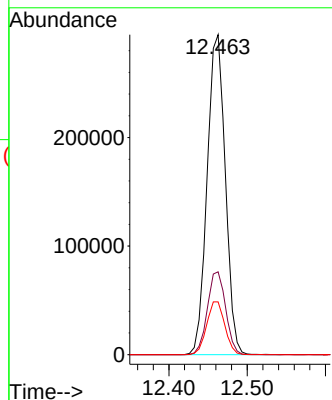


#60
Isopropylbenzene
Concen: 23.540 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Instrument :
MSVOA_W
ClientSampleId :

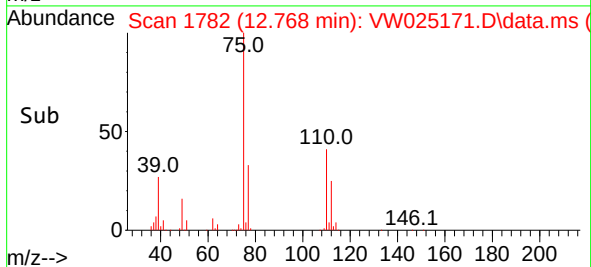
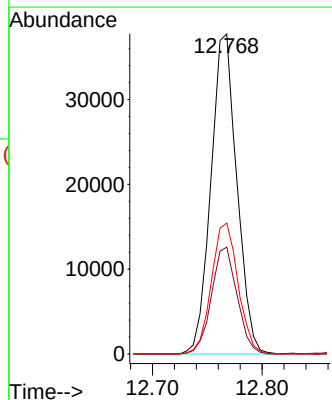
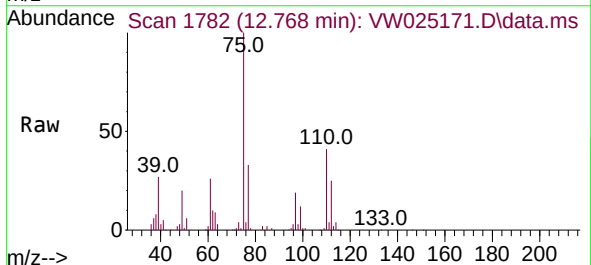


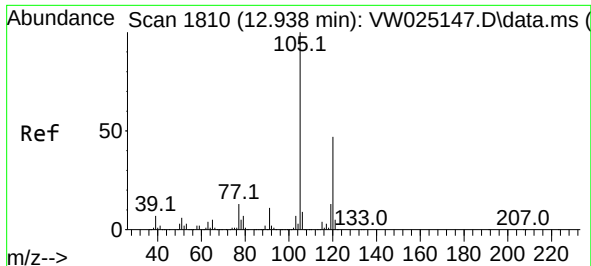
Tgt Ion:105 Resp: 474505
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.576 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 75 Resp: 62119
Ion Ratio Lower Upper
75 100
77 33.0 26.6 40.0
110 41.9 31.7 47.5

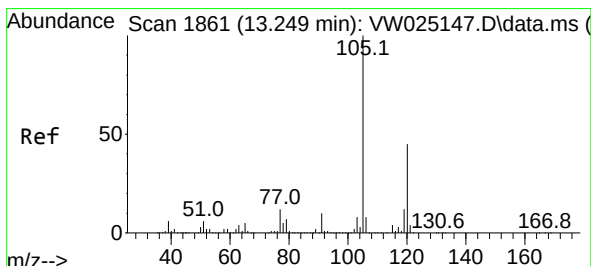
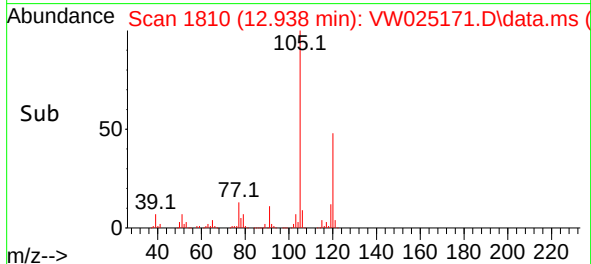
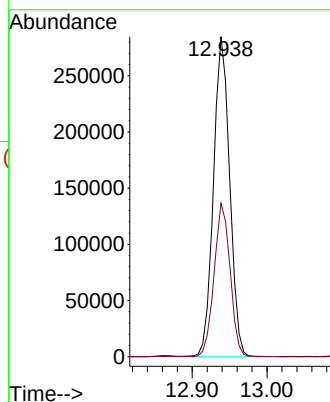
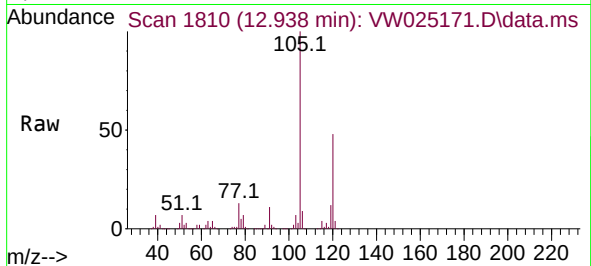




#62
 1,3,5-Trimethylbenzene
 Concen: 24.861 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW025171.D
 Acq: 22 Dec 2022 21:55

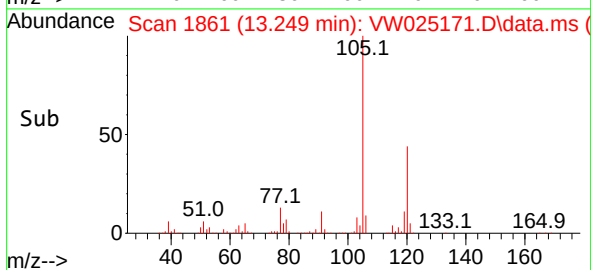
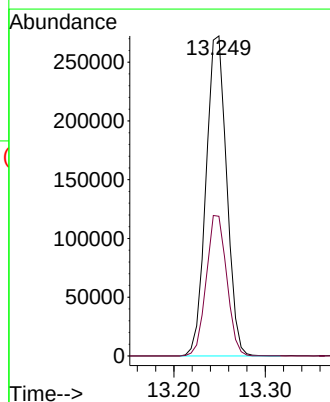
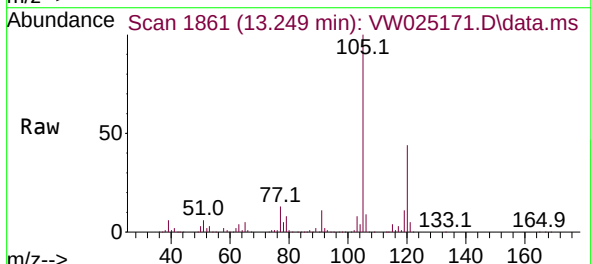
Instrument :
 MSVOA_W
 ClientSampleId :

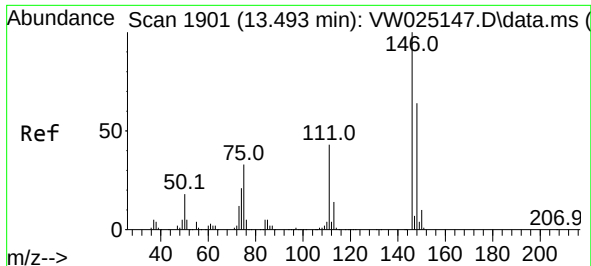
Tgt Ion:105 Resp: 429258
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 25.405 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW025171.D
 Acq: 22 Dec 2022 21:55

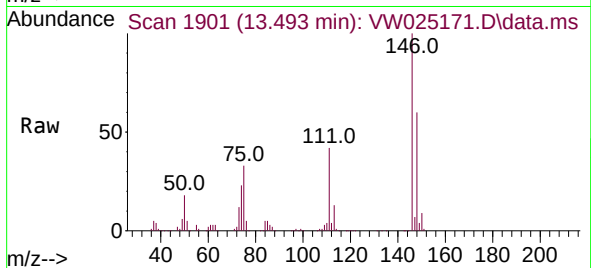
Tgt Ion:105 Resp: 426142
 Ion Ratio Lower Upper
 105 100
 120 43.6 36.1 54.1



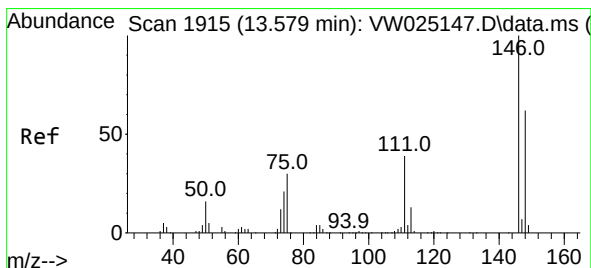
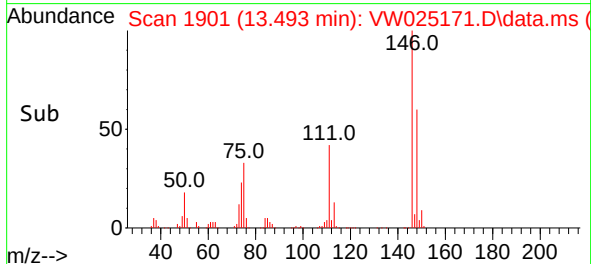
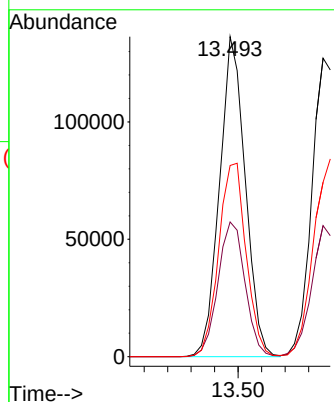


#64
1,3-Dichlorobenzene
Concen: 25.167 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Instrument :
MSVOA_W
ClientSampleId :

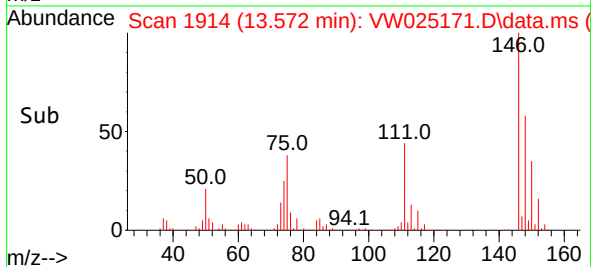
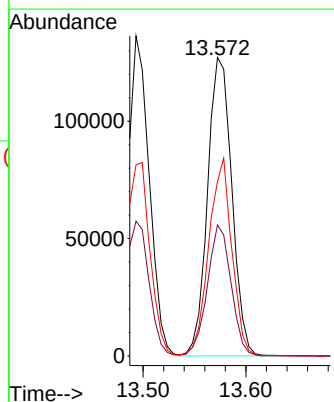
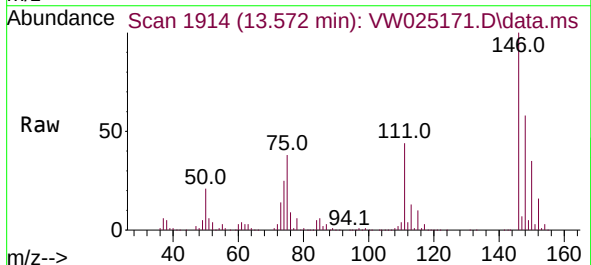


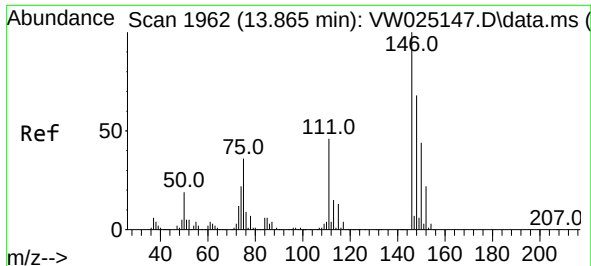
Tgt Ion:146 Resp: 207679
Ion Ratio Lower Upper
146 100
111 42.1 30.2 56.0
148 59.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 25.105 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

Tgt Ion:146 Resp: 208630
Ion Ratio Lower Upper
146 100
111 43.9 27.4 51.0
148 58.4 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 26.686 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

Instrument :

MSVOA_W

ClientSampleId :

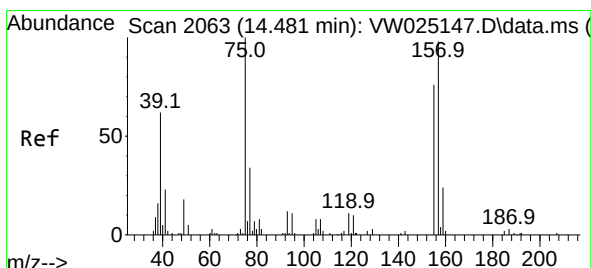
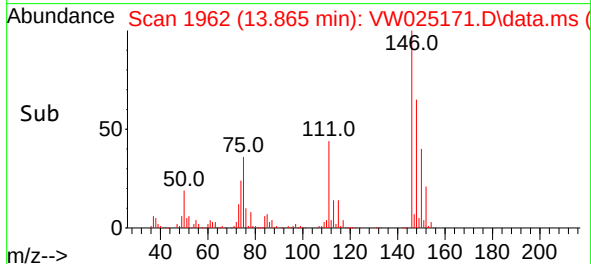
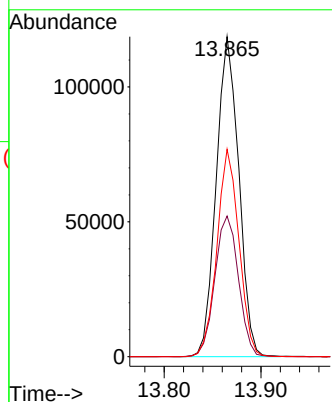
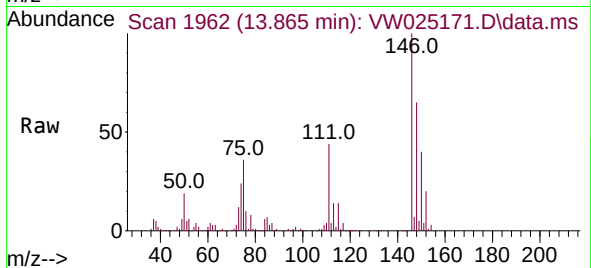
Tgt Ion:146 Resp: 192048

Ion Ratio Lower Upper

146 100

111 44.0 34.3 51.5

148 64.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.975 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

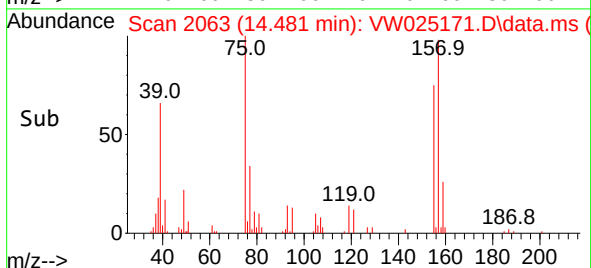
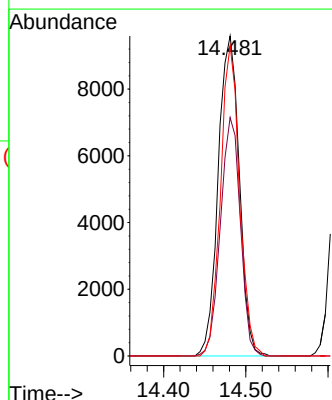
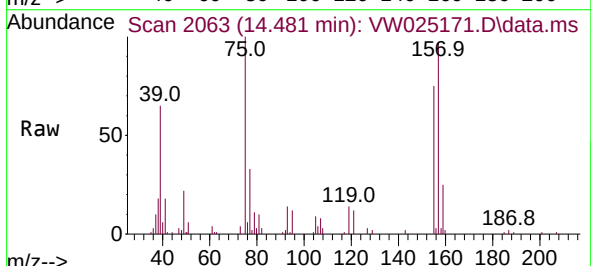
Tgt Ion: 75 Resp: 17076

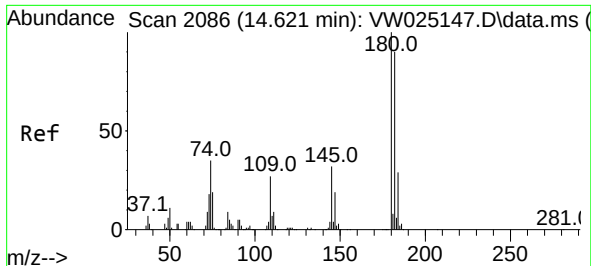
Ion Ratio Lower Upper

75 100

155 74.5 60.3 90.5

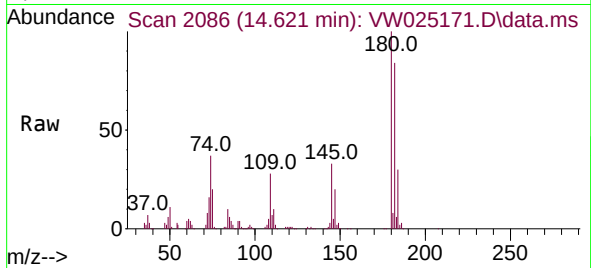
157 97.0 84.9 127.3



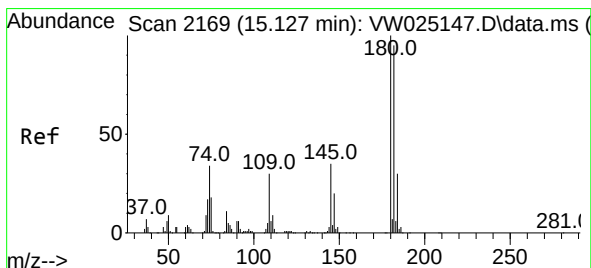
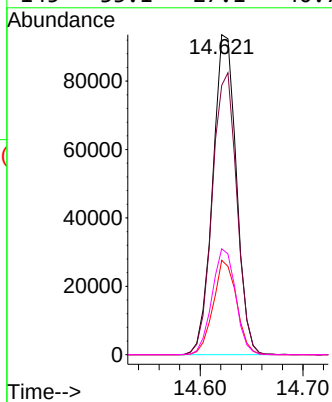
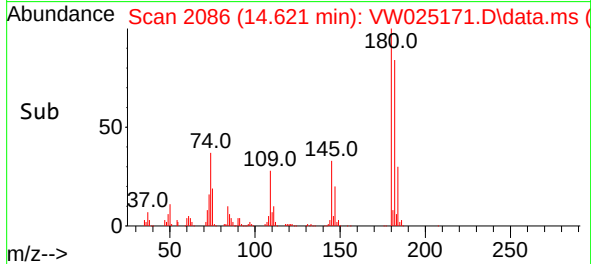


#69
1,3,5-Trichlorobenzene
Concen: 25.524 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55

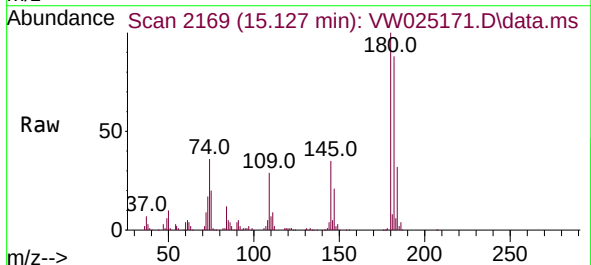
Instrument :
MSVOA_W
ClientSampleId :



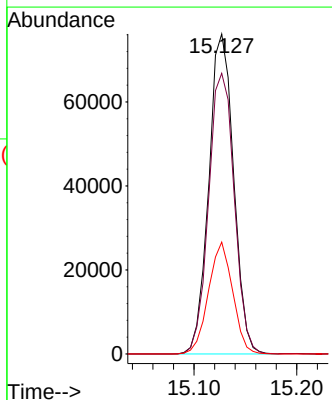
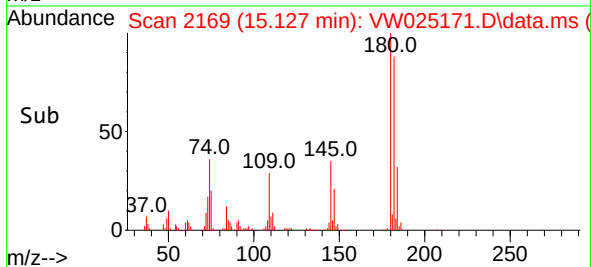
Tgt Ion:180 Resp: 149556
Ion Ratio Lower Upper
180 100
182 90.9 77.8 116.6
184 29.1 24.3 36.5
145 33.1 27.1 40.7

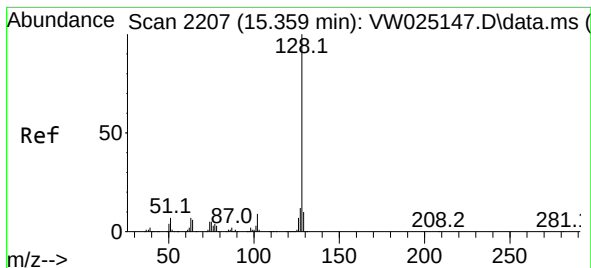


#70
1,2,4-trichlorobenzene
Concen: 27.179 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025171.D
Acq: 22 Dec 2022 21:55



Tgt Ion:180 Resp: 127780
Ion Ratio Lower Upper
180 100
182 90.5 77.2 115.8
145 34.1 26.9 40.3





#71

Naphthalene

Concen: 28.332 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

Instrument :

MSVOA_W

ClientSampleId :

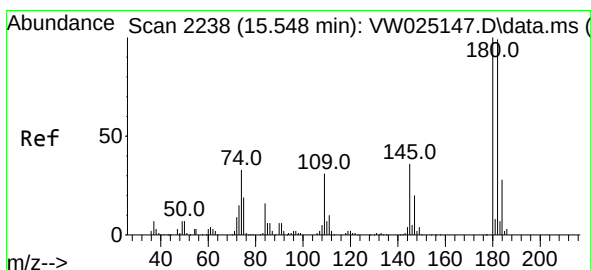
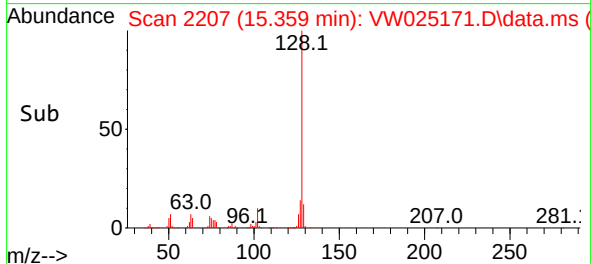
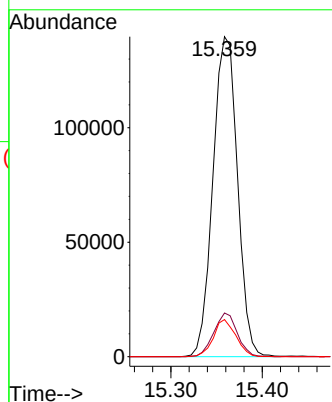
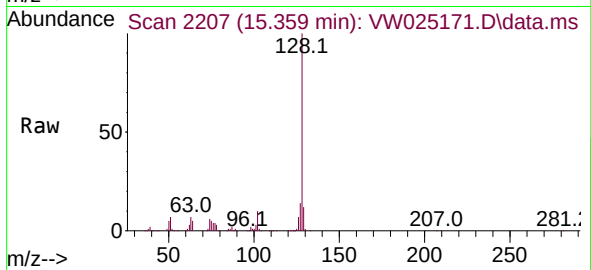
Tgt Ion:128 Resp: 261118

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 27.395 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025171.D

Acq: 22 Dec 2022 21:55

Tgt Ion:180 Resp: 112873

Ion Ratio Lower Upper

180 100

182 93.0 76.4 114.6

145 35.4 29.6 44.4

