

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
 Data File : VW024453.D
 Acq On : 29 Aug 2022 17:51
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 22:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 22:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	291824	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163340	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	195882	23.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
7) Chloroethane-d5	2.873	69	150631	24.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	4.013	63	182302	25.717	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.880%
21) 2-Butanone-d5	7.080	46	91152	60.546	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.100%
24) Chloroform-d	7.647	84	266568	27.963	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.840%
26) 1,2-Dichloroethane-d4	8.305	65	159536	27.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	8.269	84	475969	28.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.880%
36) 1,2-Dichloropropane-d6	9.275	67	153238	29.469	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.880%
41) Toluene-d8	10.323	98	428650	26.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.840%
43) trans-1,3-Dichloroprop...	10.573	79	65682	26.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.960%
47) 2-Hexanone-d5	10.921	63	76403	65.659	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	171207	29.081	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	172491	28.043	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	66074	22.248	ug/L	99
3) Chloromethane	2.209	50	152939	27.563	ug/L	99
5) Vinyl chloride	2.349	62	245221	25.281	ug/L	99
6) Bromomethane	2.763	94	148962	21.879	ug/L	98
8) Chloroethane	2.910	64	130250	25.706	ug/L	99
9) Trichlorofluoromethane	3.245	101	74415	16.315	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	114802	26.241	ug/L	97
12) 1,1-Dichloroethene	4.032	96	98179	27.720	ug/L	96
13) Acetone	4.117	43	48344	53.809	ug/L	100
14) Carbon disulfide	4.373	76	304688	25.885	ug/L	98
15) Methyl Acetate	4.672	43	60613	27.578	ug/L	95
16) Methylene chloride	4.909	84	123068	24.747	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	116451	27.778	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	216677	31.566	ug/L	96
19) 1,1-Dichloroethane	6.214	63	215932	27.239	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	133992	29.064	ug/L	95
22) 2-Butanone	7.177	43	84604	52.780	ug/L	99
23) Bromochloromethane	7.513	128	61416	27.282	ug/L	94
25) Chloroform	7.677	83	243250	27.656	ug/L	93

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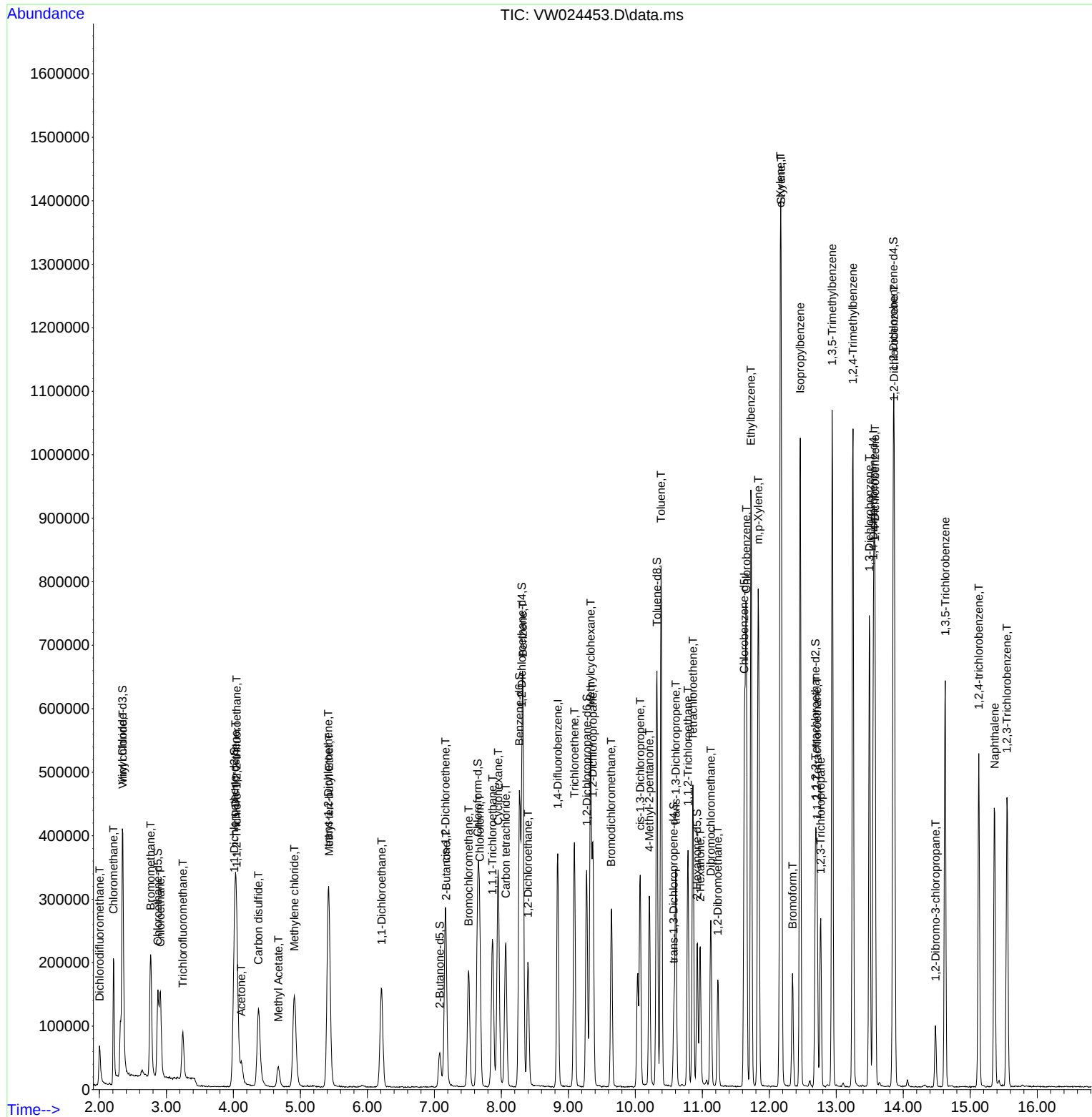
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	173418	27.087	ug/L #	95
29) Cyclohexane	7.952	56	175813	27.945	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	183616	26.688	ug/L	96
31) Carbon tetrachloride	8.067	117	161745	25.697	ug/L	98
33) Benzene	8.323	78	521121	28.682	ug/L	100
34) Trichloroethene	9.092	95	131458	27.452	ug/L	96
35) Methylcyclohexane	9.335	83	211196	27.488	ug/L	98
37) 1,2-Dichloropropane	9.366	63	128097	27.319	ug/L	98
38) Bromodichloromethane	9.640	83	180731	28.304	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	184753	28.188	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	190862	57.244	ug/L	98
42) Toluene	10.384	91	578471	28.850	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	170858	26.827	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	110562	28.916	ug/L	96
46) Tetrachloroethene	10.860	164	97655	26.258	ug/L	97
48) 2-Hexanone	10.969	43	138895	56.477	ug/L	96
49) Dibromochloromethane	11.128	129	130494	28.855	ug/L	96
50) 1,2-Dibromoethane	11.231	107	109214	29.710	ug/L	91
51) Chlorobenzene	11.658	112	380121	28.244	ug/L	98
52) Ethylbenzene	11.725	91	640627	28.898	ug/L	96
53) m,p-Xylene	11.835	106	249408	28.648	ug/L	98
54) o-Xylene	12.164	106	239318	29.405	ug/L	99
55) Styrene	12.176	104	432633	30.073	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	145675	27.295	ug/L	100
59) Bromoform	12.347	173	72973	27.839	ug/L	99
60) Isopropylbenzene	12.463	105	651889	30.049	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104461	28.280	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	546377	31.234	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	546520	32.164	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	290091	27.967	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	301953	27.573	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	280014	28.799	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	22059	23.770	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	171572	25.627	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	140093	26.918	ug/L	94
71) Naphthalene	15.365	128	361985	31.670	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	138594	28.177	ug/L	99

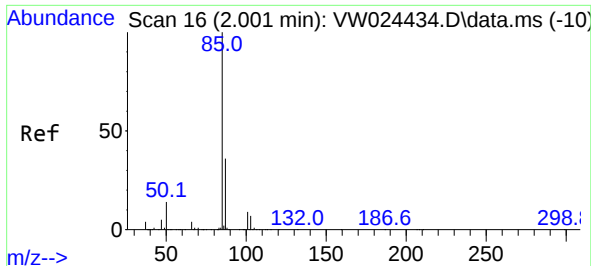
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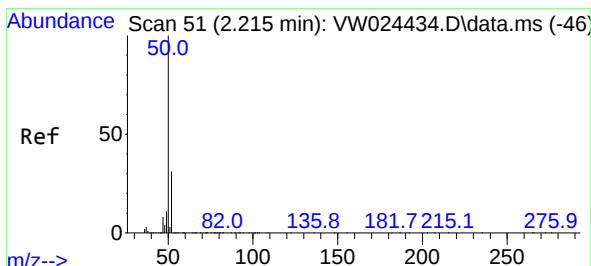
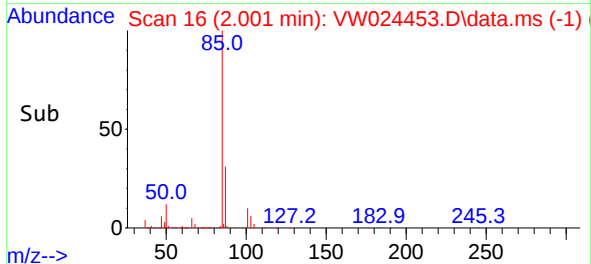
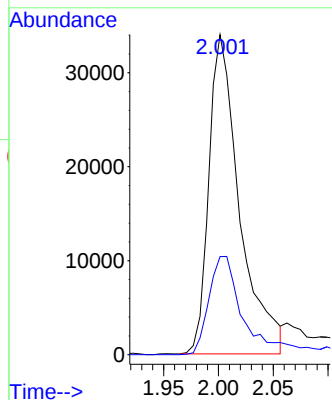
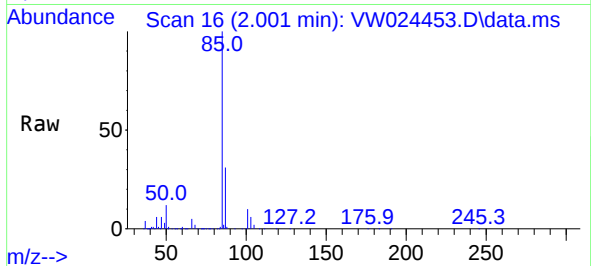




#2
 Dichlorodifluoromethane
 Concen: 22.248 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024453.D
 Acq: 29 Aug 2022 17:51

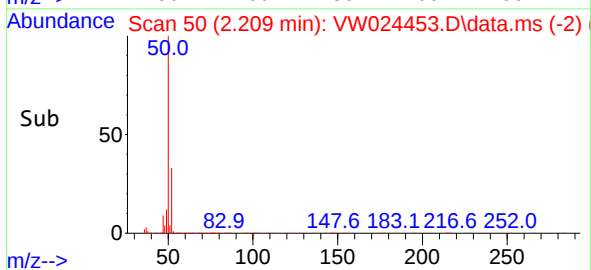
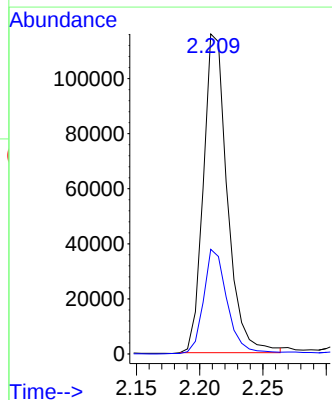
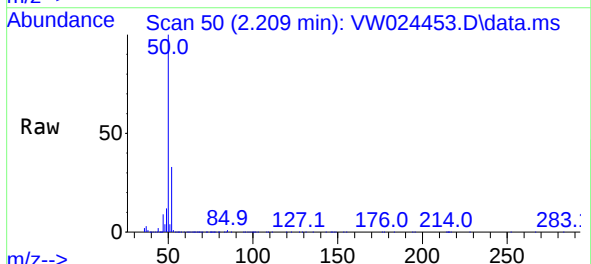
Instrument :
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 ClientSampleId :

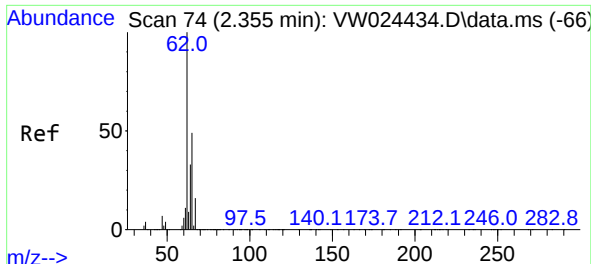
Tgt Ion: 85 Resp: 66074
 Ion Ratio Lower Upper
 85 100
 87 31.6 24.7 37.1



#3
 Chloromethane
 Concen: 27.563 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW024453.D
 Acq: 29 Aug 2022 17:51

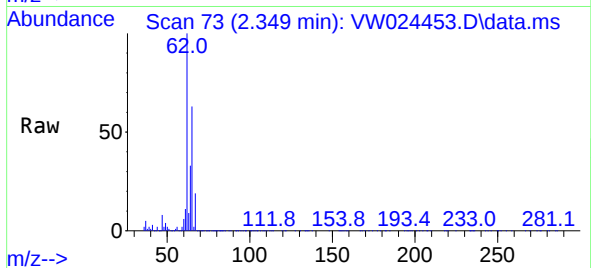
Tgt Ion: 50 Resp: 152939
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.5



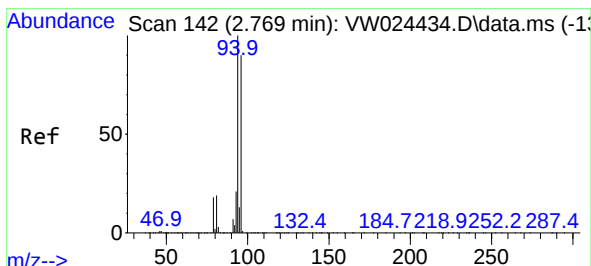
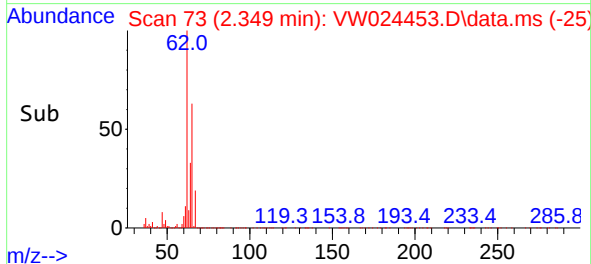
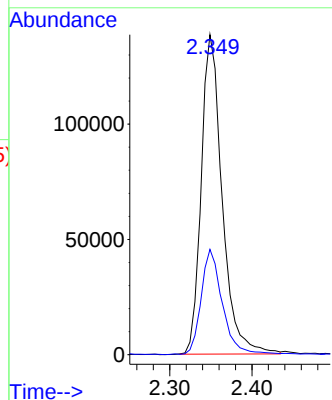


#5
 Vinyl chloride
 Concen: 25.281 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024453.D
 Acq: 29 Aug 2022 17:51

Instrument :
 MSVOA_W
 ClientSampleId :

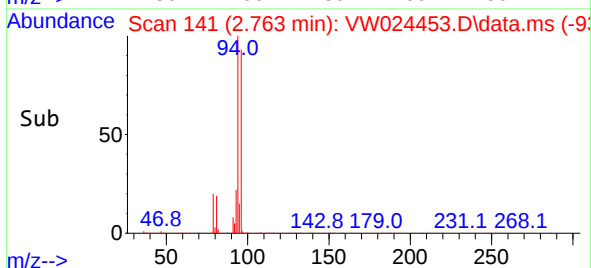
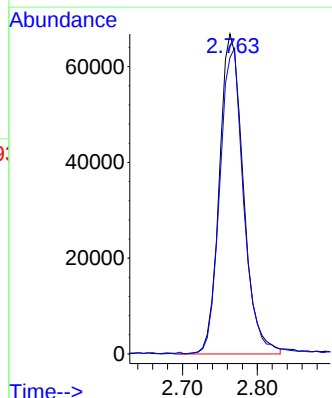
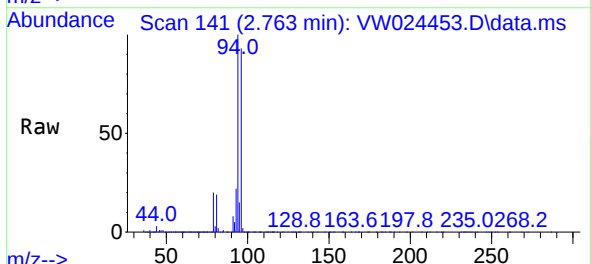


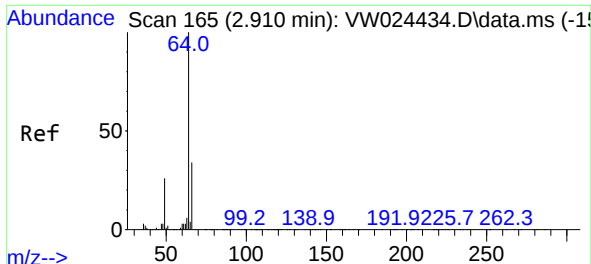
Tgt Ion: 62 Resp: 245221
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.6 43.8



#6
 Bromomethane
 Concen: 21.879 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024453.D
 Acq: 29 Aug 2022 17:51

Tgt Ion: 94 Resp: 148962
 Ion Ratio Lower Upper
 94 100
 96 92.6 63.6 118.0

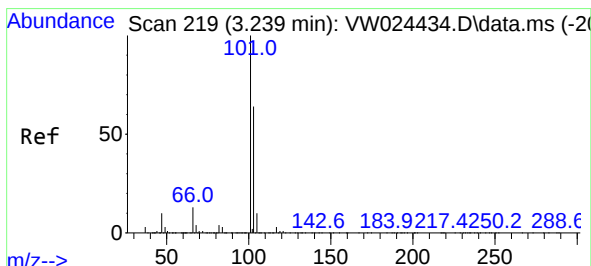
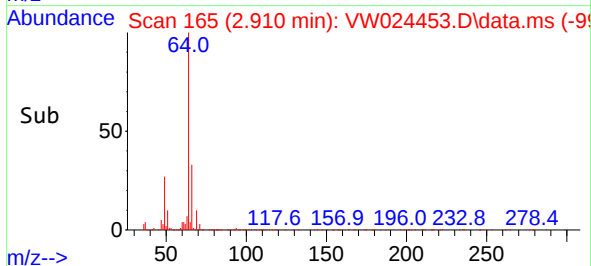
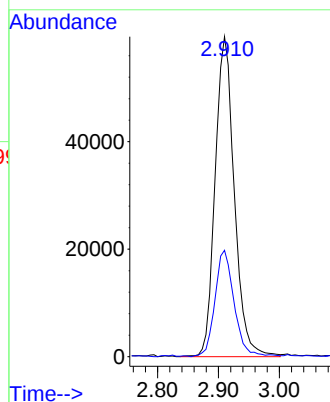
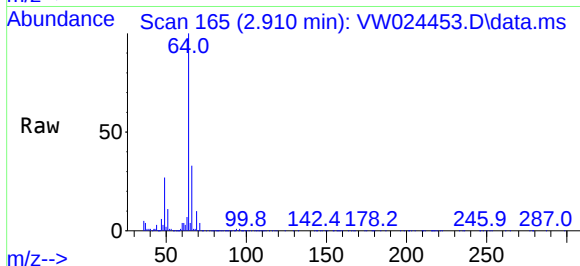




#8
Chloroethane
Concen: 25.706 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

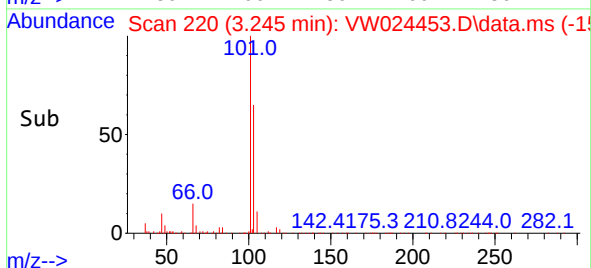
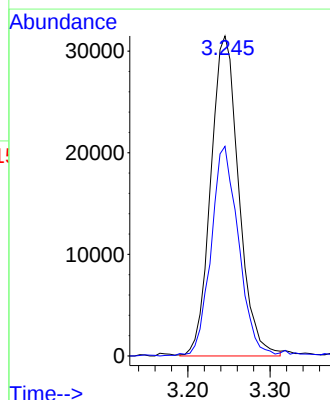
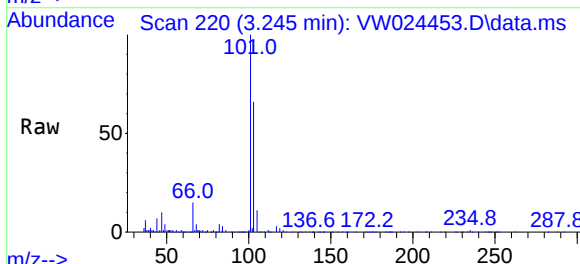
Instrument :
MSVOA_W
ClientSampleId :

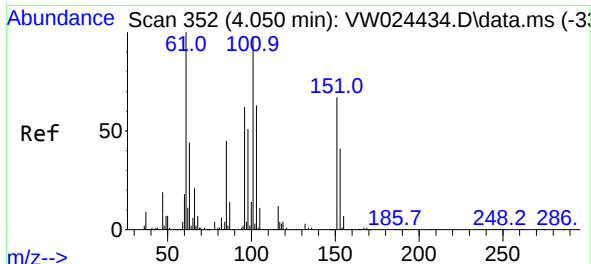
Tgt Ion: 64 Resp: 130250
Ion Ratio Lower Upper
64 100
66 33.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 16.315 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 101 Resp: 74415
Ion Ratio Lower Upper
101 100
103 64.1 50.4 75.6

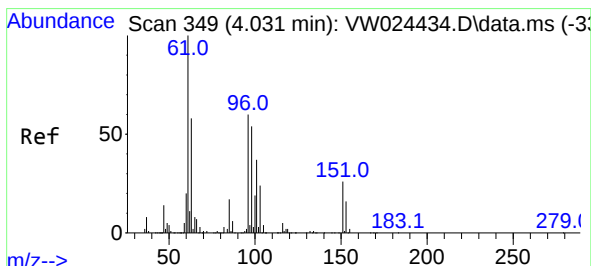
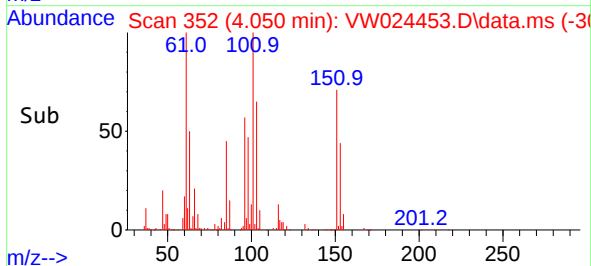
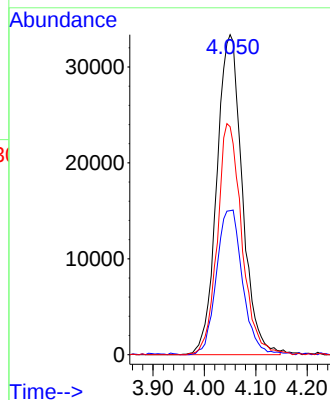
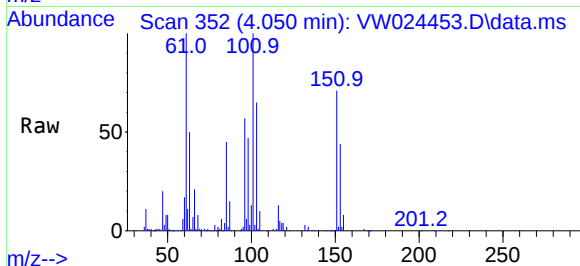




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.241 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW024453.D
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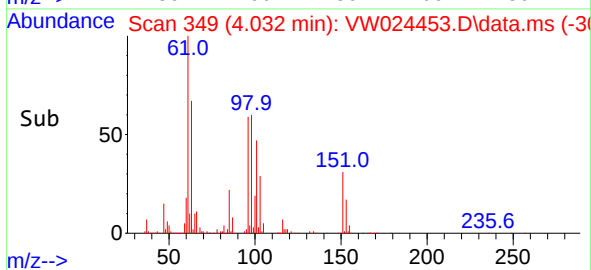
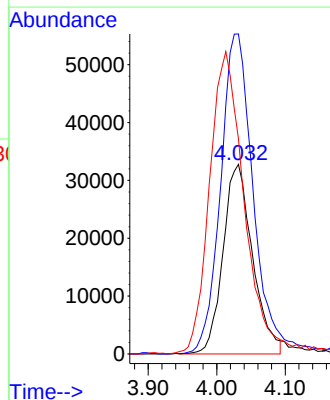
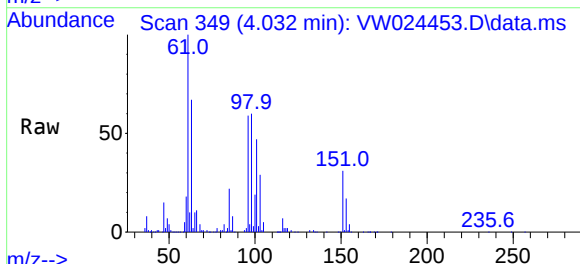
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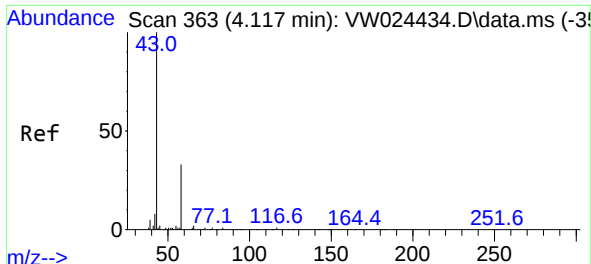
Tgt Ion:101 Resp: 114802
Ion Ratio Lower Upper
101 100
85 46.4 39.1 58.7
151 69.4 56.8 85.2



#12
1,1-Dichloroethene
Concen: 27.720 ug/L
RT: 4.032 min Scan# 349
Delta R.T. 0.000 min
Lab File: VW024453.D
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Tgt Ion: 96 Resp: 98179
Ion Ratio Lower Upper
96 100
61 168.8 118.8 220.6
63 113.6 72.8 135.2

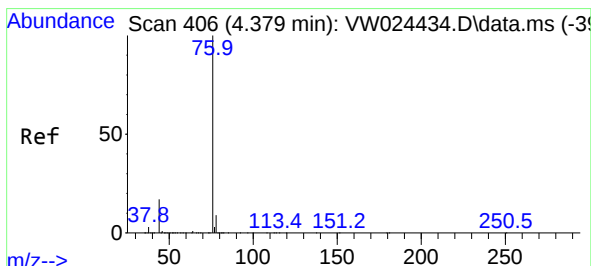
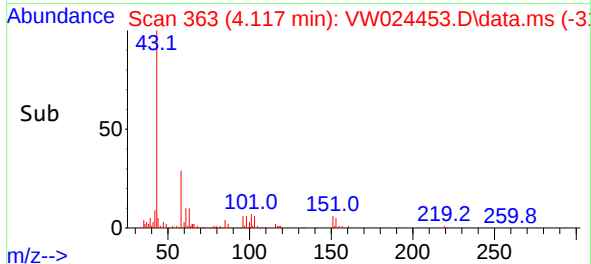
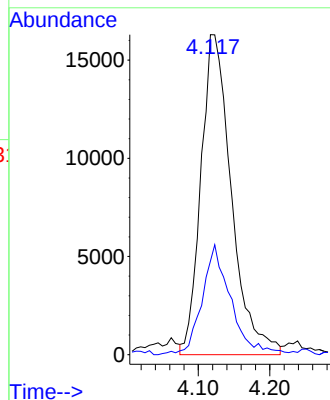
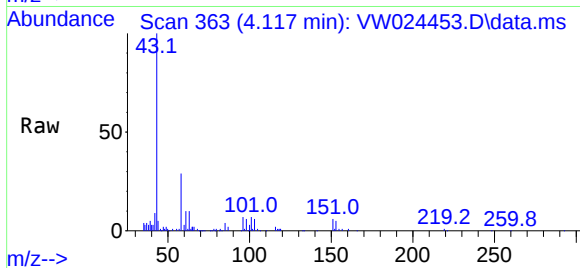




#13
Acetone
Concen: 53.809 ug/L
RT: 4.117 min Scan# 30
Delta R.T. 0.000 min
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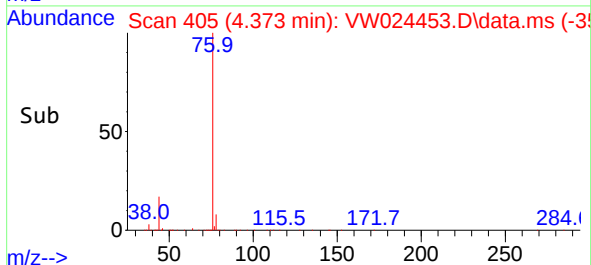
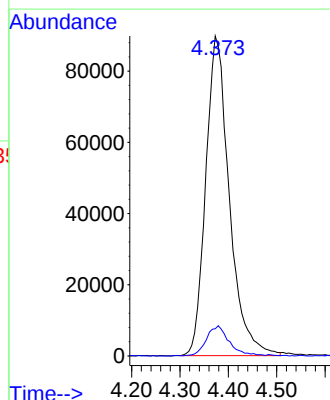
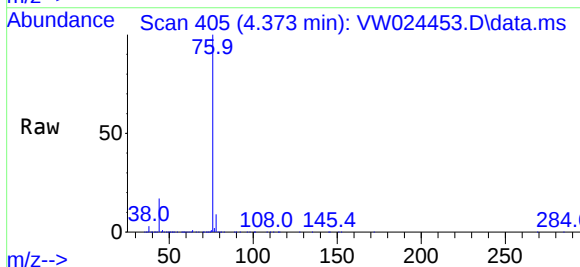
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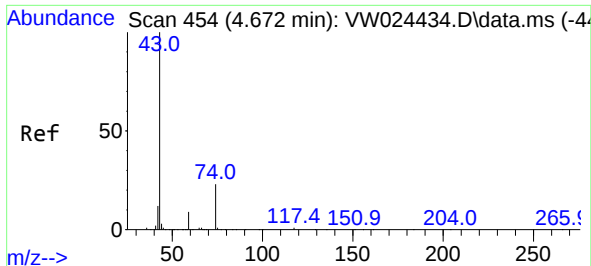
Tgt Ion: 43 Resp: 48344
Ion Ratio Lower Upper
43 100
58 29.1 0.0 58.4



#14
Carbon disulfide
Concen: 25.885 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 304688
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

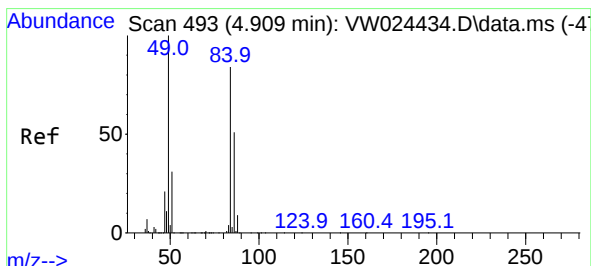
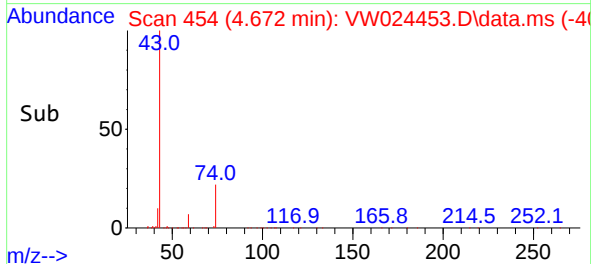
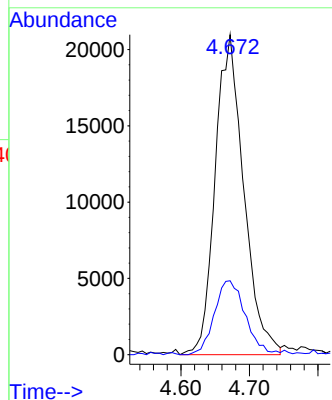
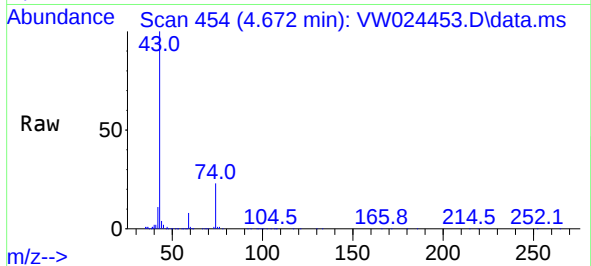




#15
Methyl Acetate
Concen: 27.578 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

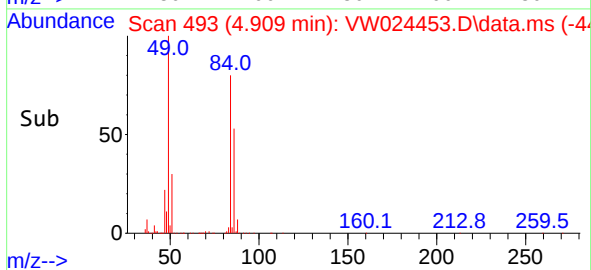
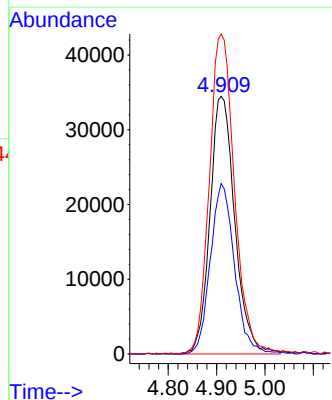
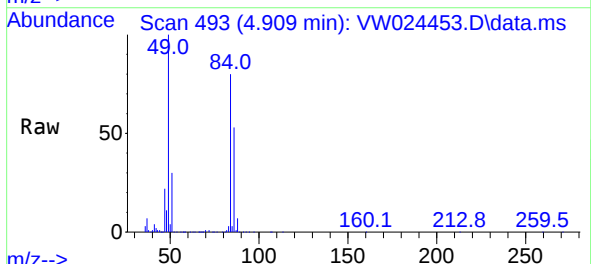
Instrument :
MSVOA_W
ClientSampleId :

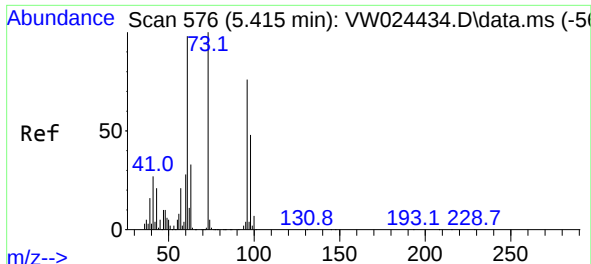
Tgt Ion: 43 Resp: 60613
Ion Ratio Lower Upper
43 100
74 24.8 17.9 26.9



#16
Methylene chloride
Concen: 24.747 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 84 Resp: 123068
Ion Ratio Lower Upper
84 100
86 66.1 47.7 88.7
49 124.2 96.6 179.4

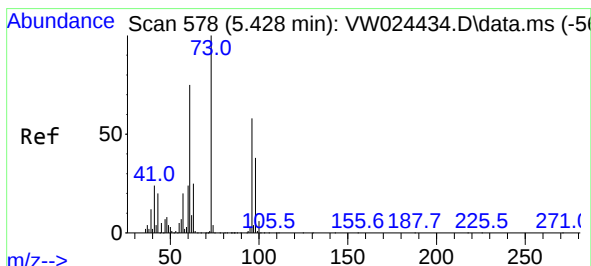
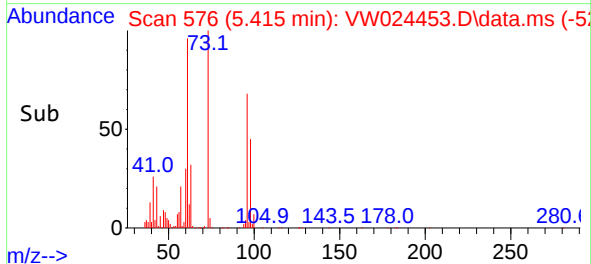
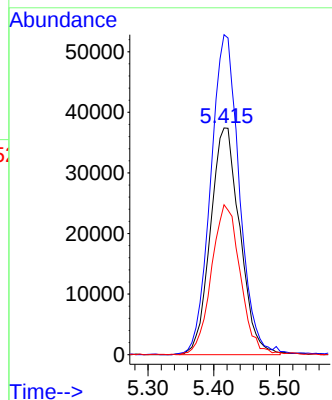
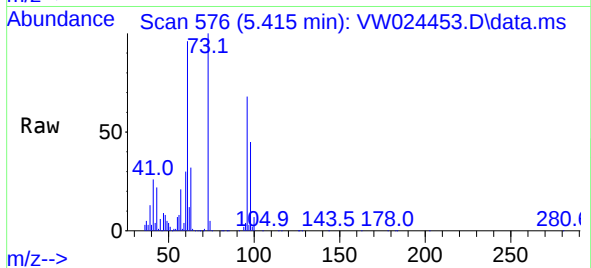




#17
trans-1,2-Dichloroethene
Concen: 27.778 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

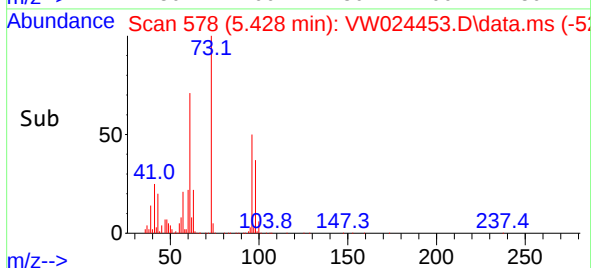
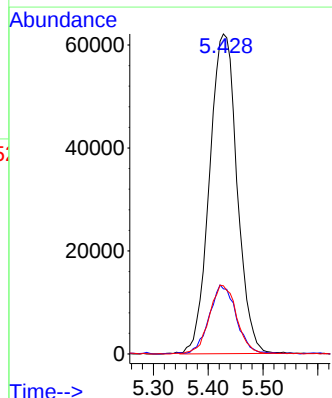
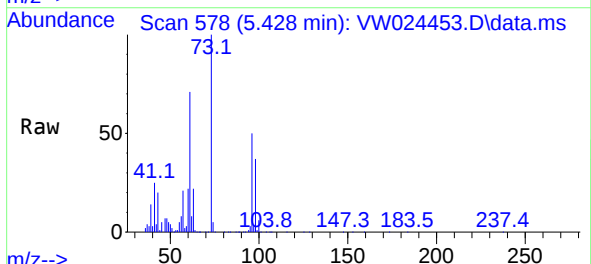
Instrument :
MSVOA_W
ClientSampleId :

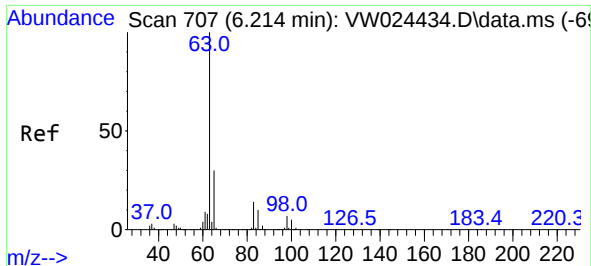
Tgt Ion: 96 Resp: 116451
Ion Ratio Lower Upper
96 100
61 141.2 92.1 171.1
98 66.1 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 31.566 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 73 Resp: 216677
Ion Ratio Lower Upper
73 100
43 20.9 18.8 28.2
57 21.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 27.239 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

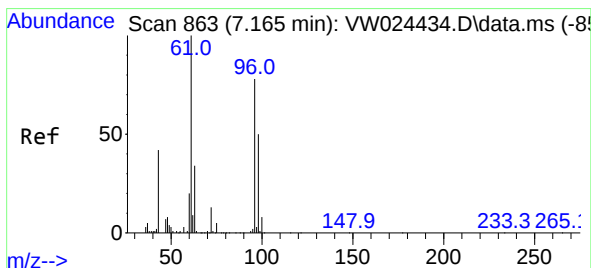
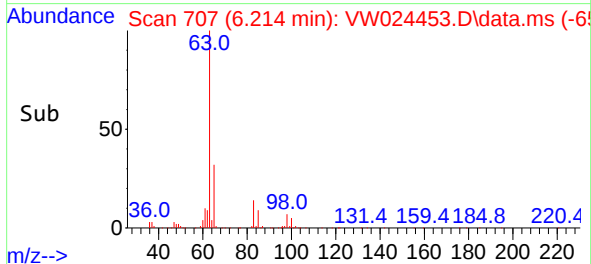
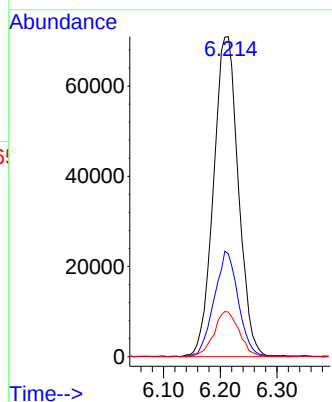
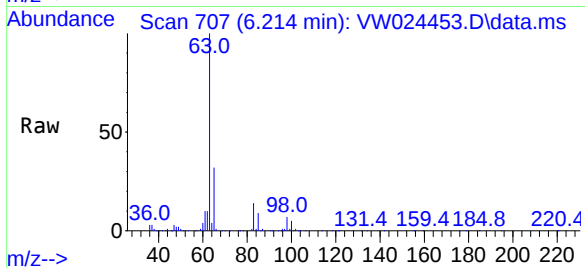
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63 Resp: 215932

Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.6	43.8
83	13.9	10.4	19.4



#20

cis-1,2-Dichloroethene

Concen: 29.064 ug/L

RT: 7.165 min Scan# 863

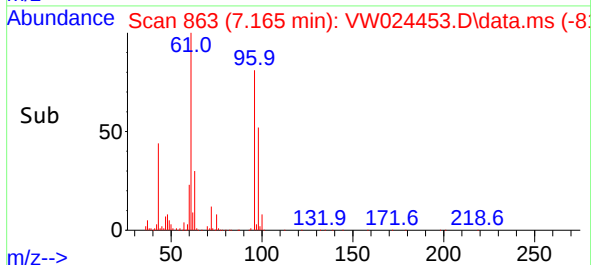
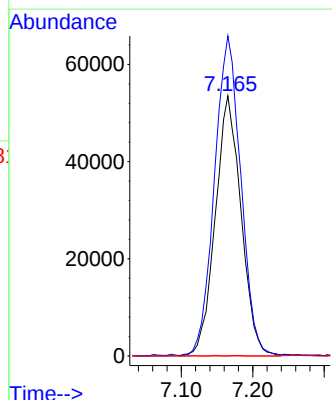
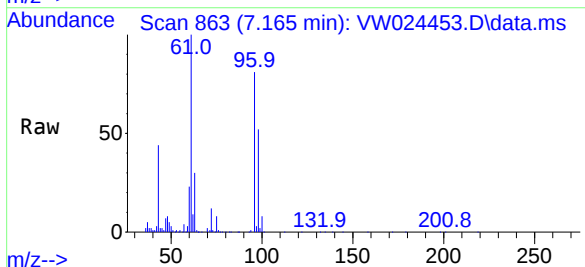
Delta R.T. 0.000 min

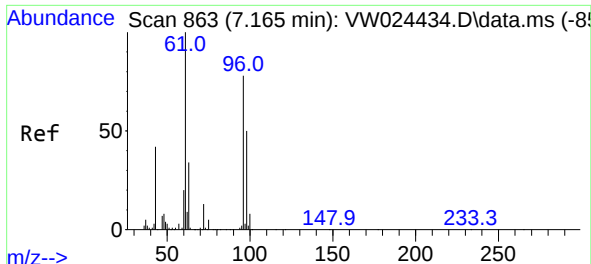
Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Tgt Ion: 96 Resp: 133992

Ion	Ratio	Lower	Upper
96	100		
61	123.0	90.2	167.6
68	0.0	0.0	0.0

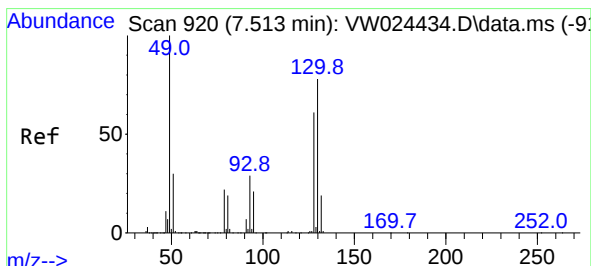
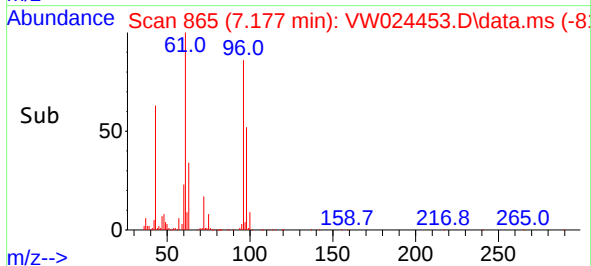
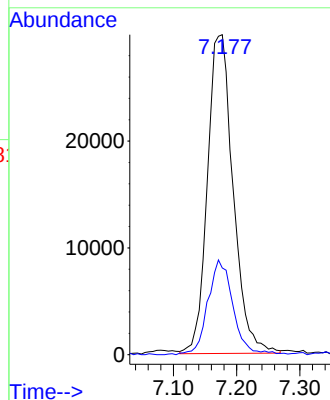
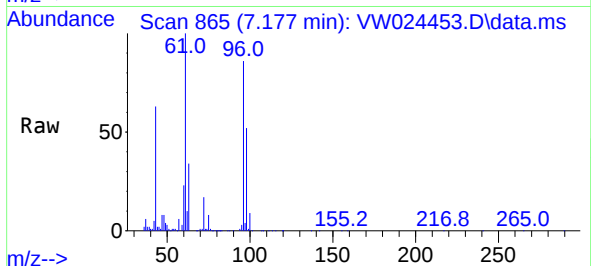




#22
2-Butanone
Concen: 52.780 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

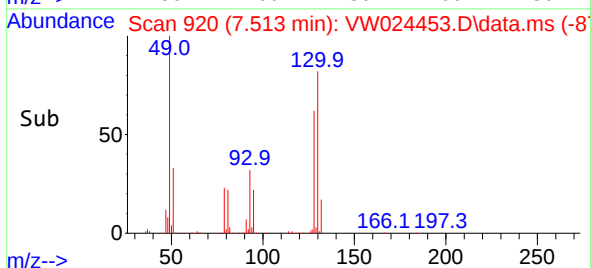
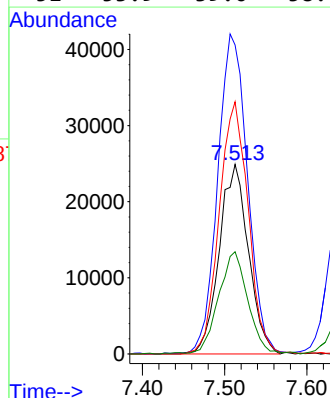
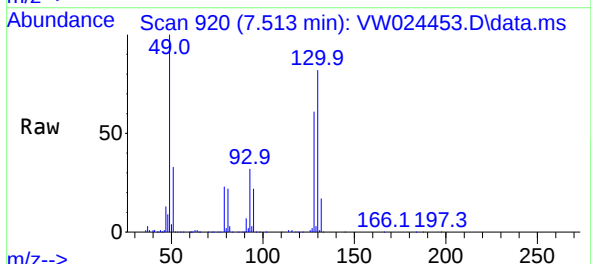
Instrument :
MSVOA_W
ClientSampleId :

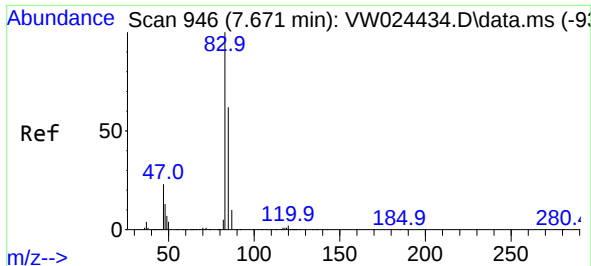
Tgt Ion: 43 Resp: 84604
Ion Ratio Lower Upper
43 100
72 28.4 13.9 41.6



#23
Bromochloromethane
Concen: 27.282 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 128 Resp: 61416
Ion Ratio Lower Upper
128 100
49 163.0 122.1 226.7
130 133.0 91.1 169.1
51 53.9 39.0 58.4





#25

Chloroform

Concen: 27.656 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Instrument :

MSVOA_W

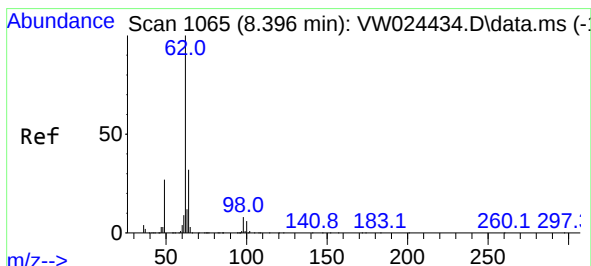
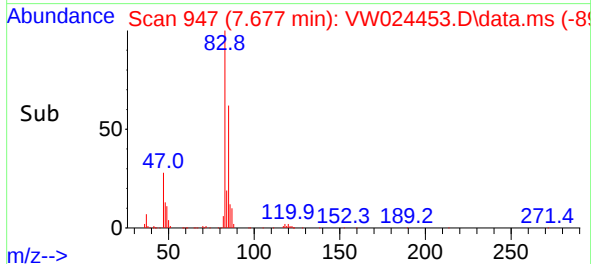
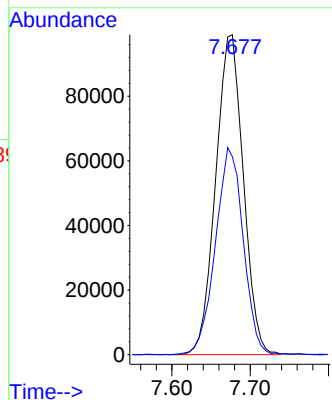
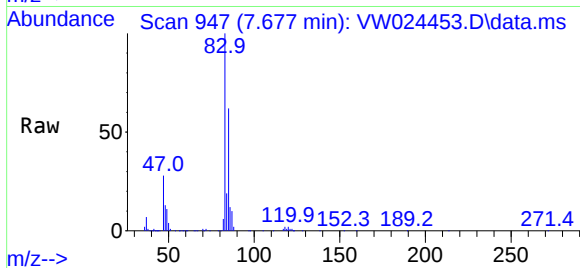
ClientSampleId :

Tgt Ion: 83 Resp: 243250

Ion Ratio Lower Upper

83 100

85 61.9 47.5 88.1



#27

1,2-Dichloroethane

Concen: 27.087 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024453.D

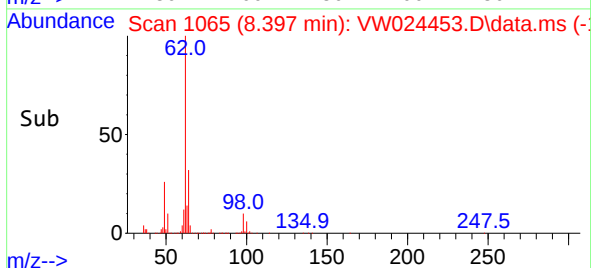
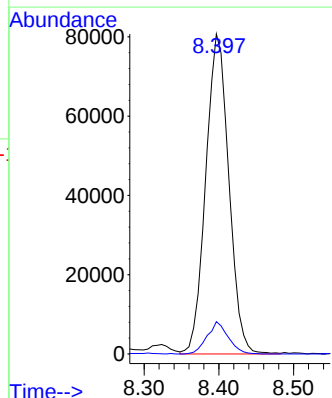
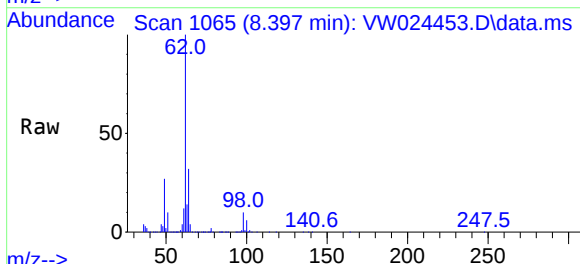
Acq: 29 Aug 2022 17:51

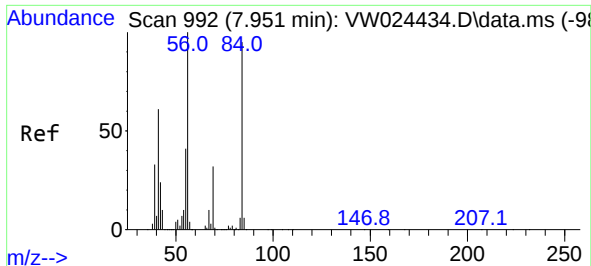
Tgt Ion: 62 Resp: 173418

Ion Ratio Lower Upper

62 100

98 10.1 6.7 10.1#





#29

Cyclohexane

Concen: 27.945 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Instrument :

MSVOA_W

ClientSampleId :

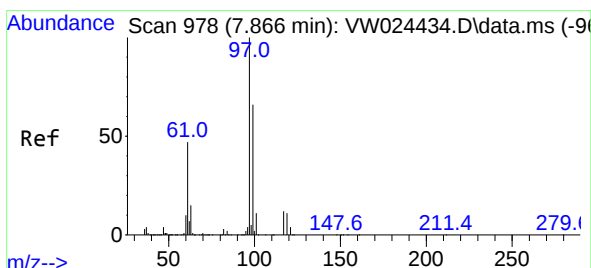
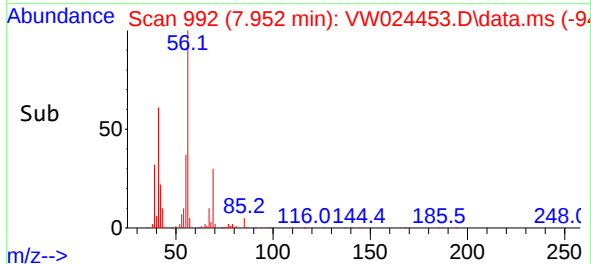
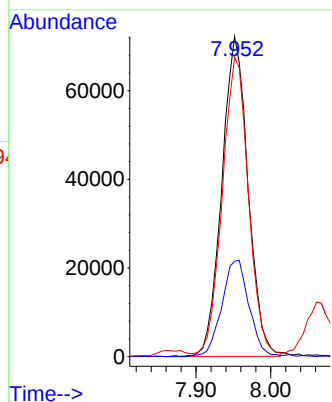
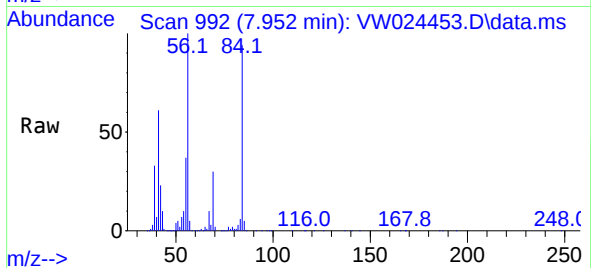
Tgt Ion: 56 Resp: 175813

Ion Ratio Lower Upper

56 100

69 31.3 23.5 35.3

84 94.1 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 26.688 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

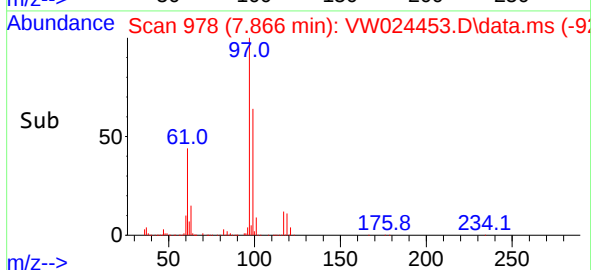
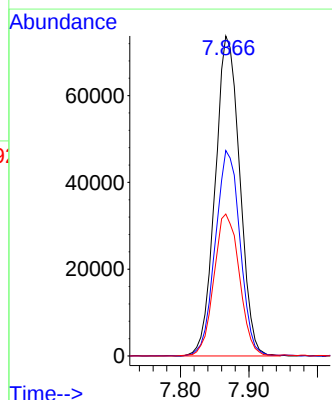
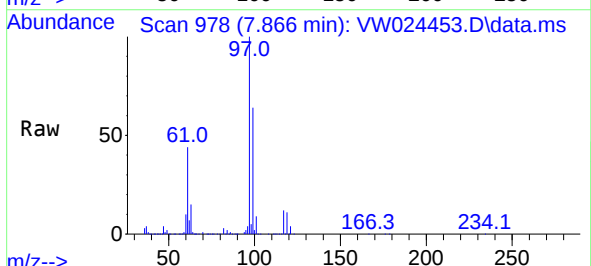
Tgt Ion: 97 Resp: 183616

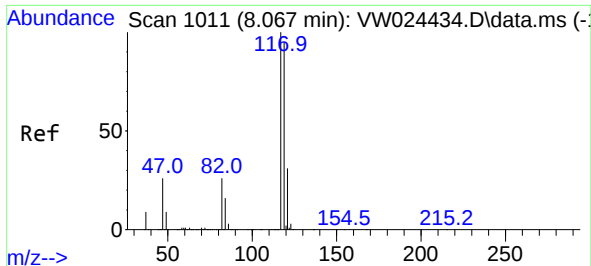
Ion Ratio Lower Upper

97 100

99 64.6 50.2 75.2

61 46.0 40.2 60.4

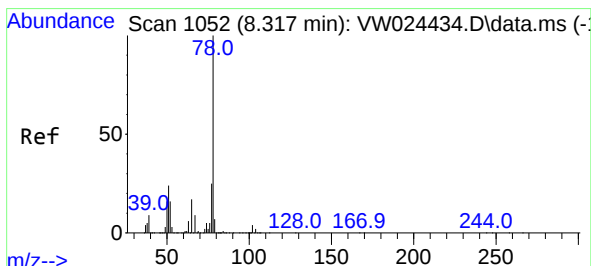
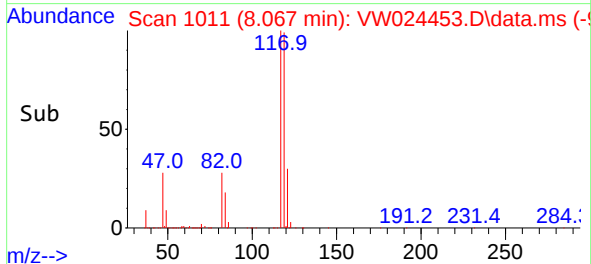
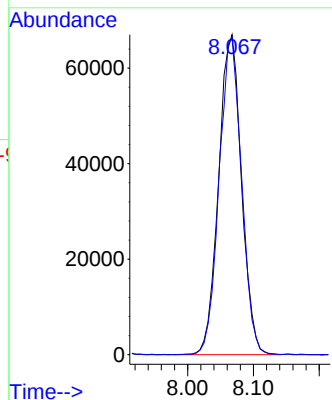
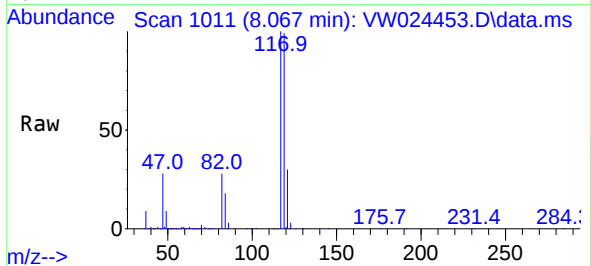




#31
Carbon tetrachloride
Concen: 25.697 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

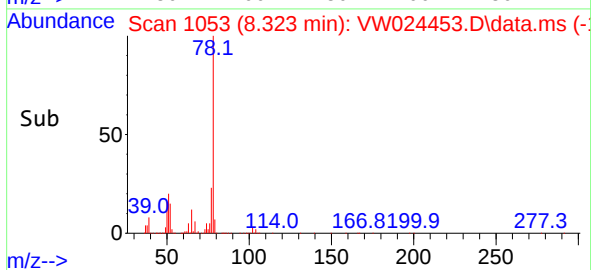
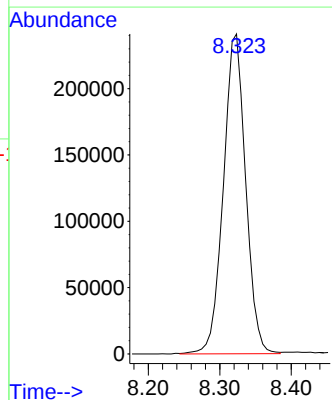
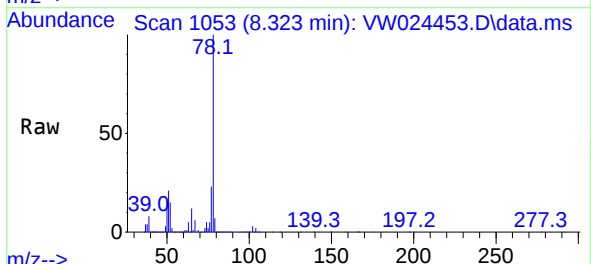
Instrument :
MSVOA_W
ClientSampleId :

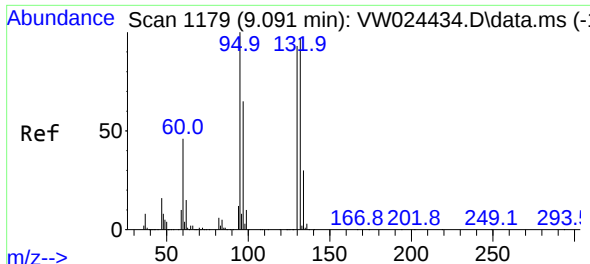
Tgt Ion:117 Resp: 161745
Ion Ratio Lower Upper
117 100
119 97.3 75.9 113.9



#33
Benzene
Concen: 28.682 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

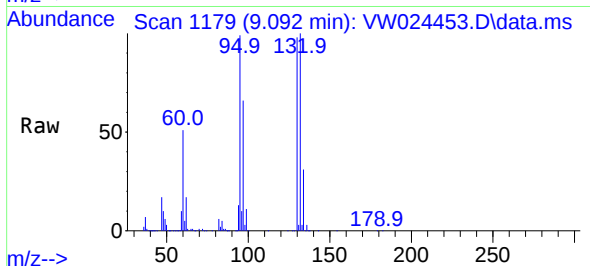
Tgt Ion: 78 Resp: 521121





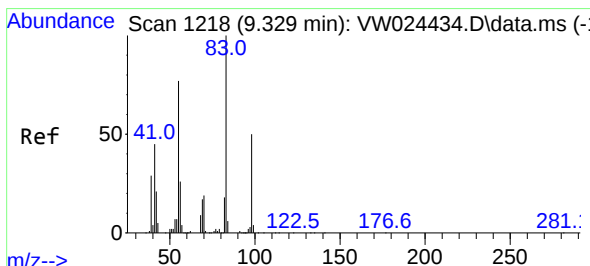
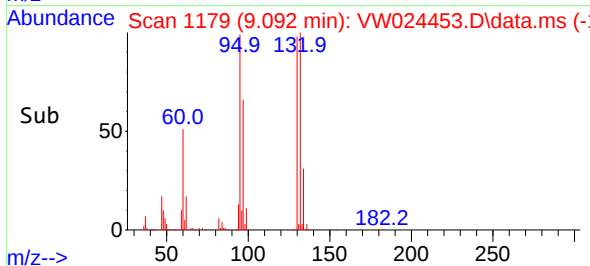
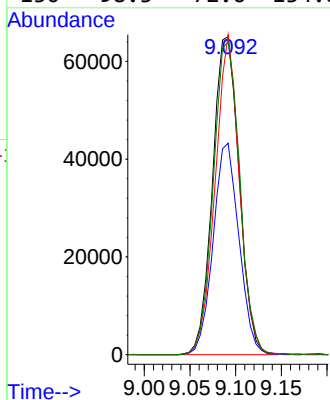
#34
Trichloroethene
Concen: 27.452 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 131458

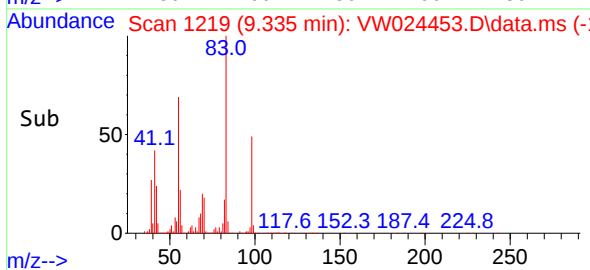
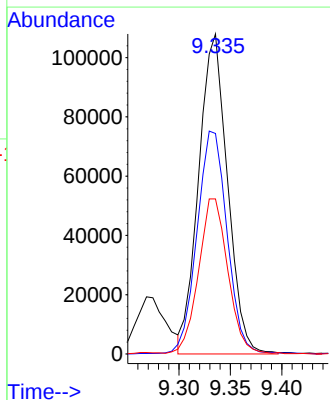
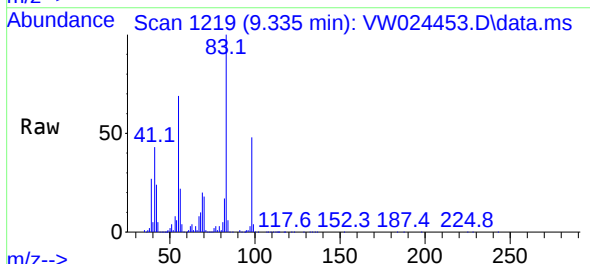
Ion	Ratio	Lower	Upper
95	100		
97	66.5	48.4	89.8
132	100.6	68.6	127.4
130	98.3	72.6	134.8

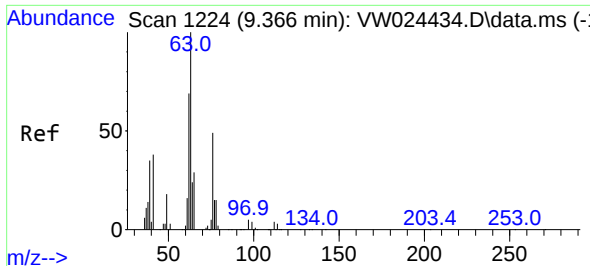


#35
Methylcyclohexane
Concen: 27.488 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 83 Resp: 211196

Ion	Ratio	Lower	Upper
83	100		
55	72.8	60.1	90.1
98	49.4	40.5	60.7





#37

1,2-Dichloropropane

Concen: 27.319 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Instrument :

MSVOA_W

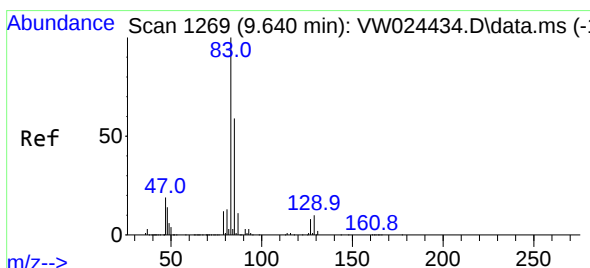
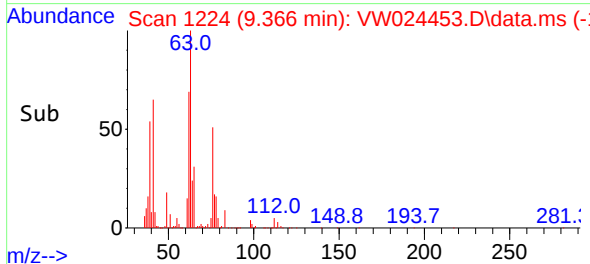
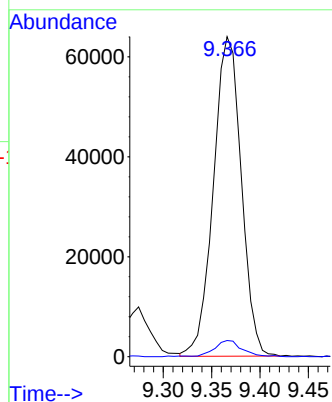
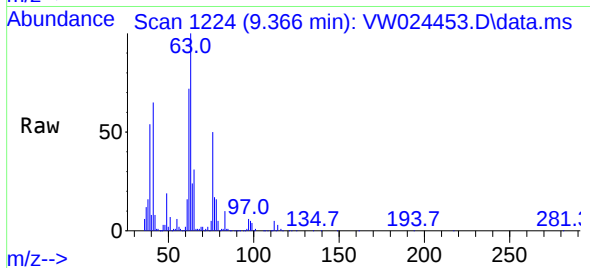
ClientSampleId :

Tgt Ion: 63 Resp: 128097

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.0



#38

Bromodichloromethane

Concen: 28.304 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

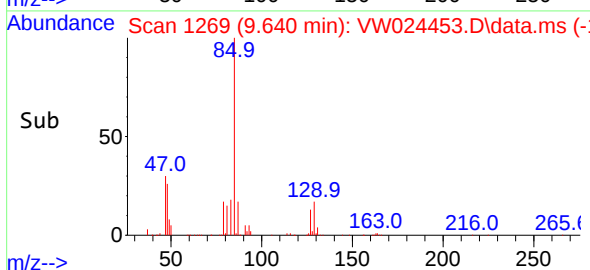
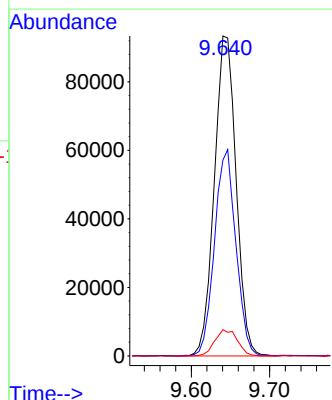
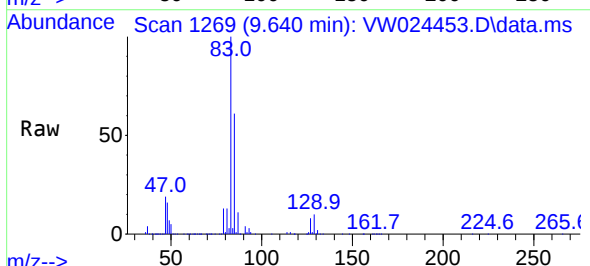
Tgt Ion: 83 Resp: 180731

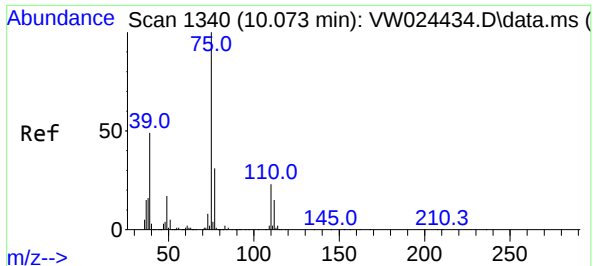
Ion Ratio Lower Upper

83 100

85 61.2 46.3 85.9

127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 28.188 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Instrument :

MSVOA_W

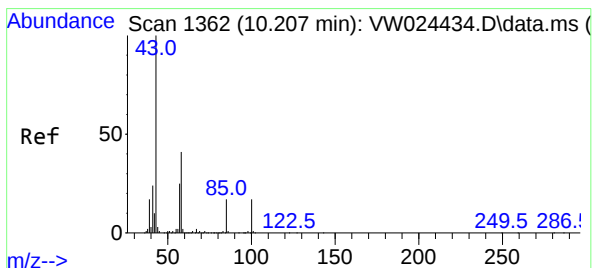
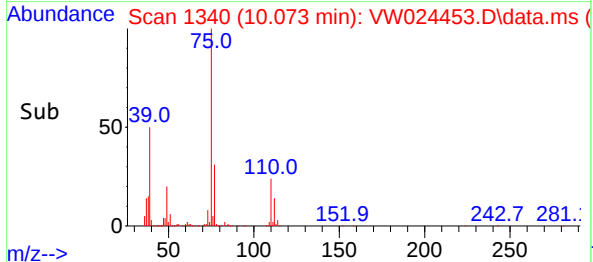
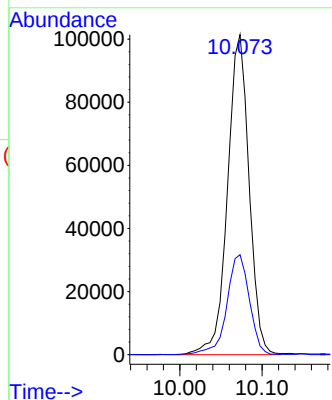
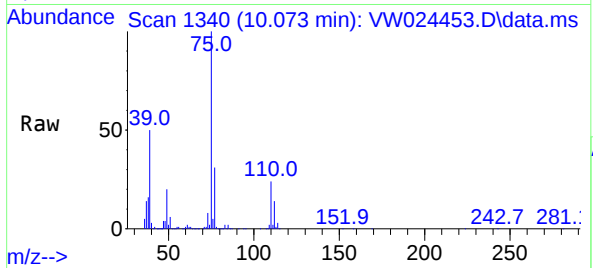
ClientSampleId :

Tgt Ion: 75 Resp: 184753

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.244 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

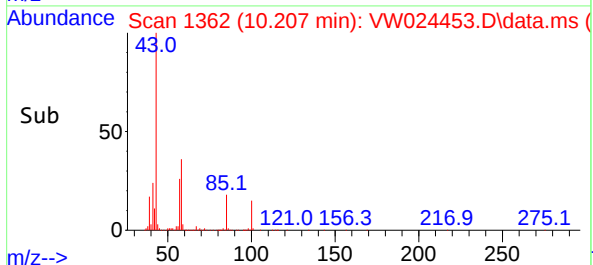
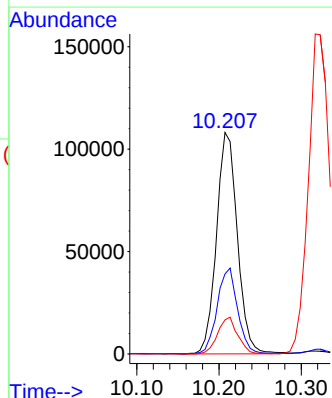
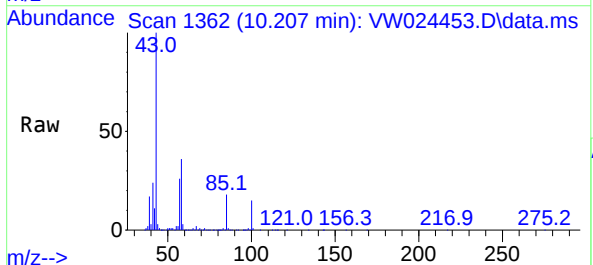
Tgt Ion: 43 Resp: 190862

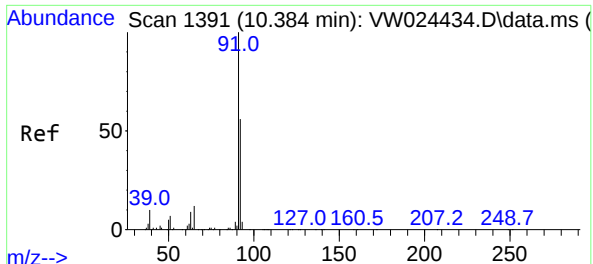
Ion Ratio Lower Upper

43 100

58 38.0 29.4 44.2

100 16.0 11.8 17.8

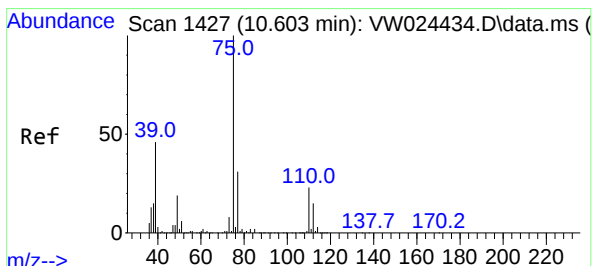
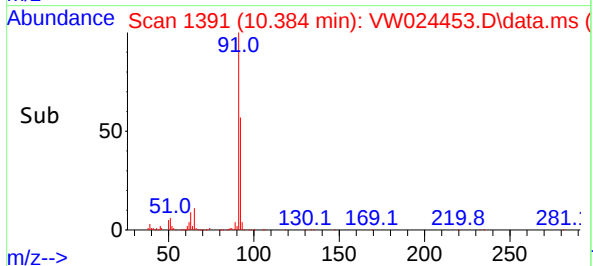
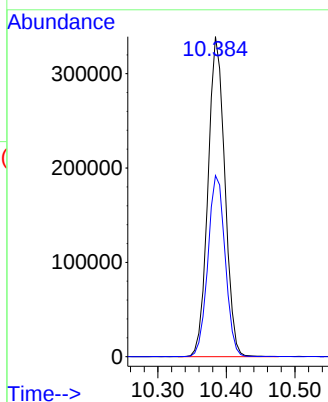
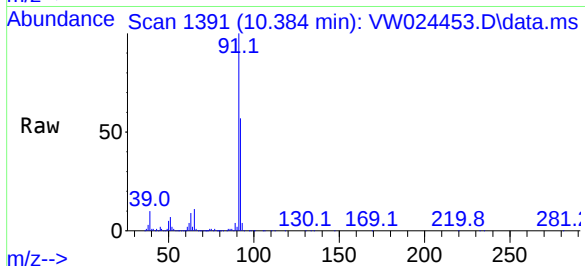




#42
Toluene
Concen: 28.850 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

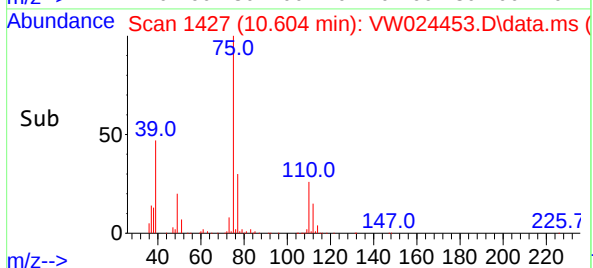
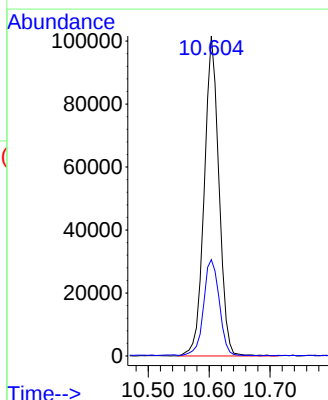
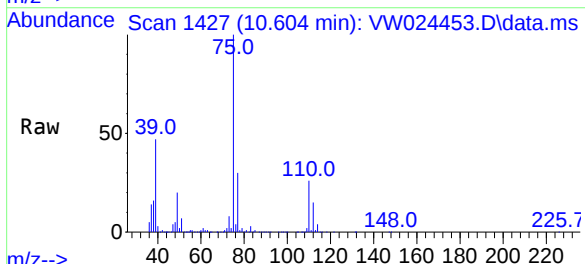
Instrument :
MSVOA_W
ClientSampleId :

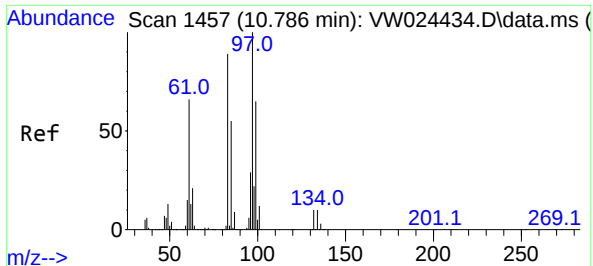
Tgt Ion: 91 Resp: 578471
Ion Ratio Lower Upper
91 100
92 56.6 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 26.827 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 75 Resp: 170858
Ion Ratio Lower Upper
75 100
77 30.1 21.1 39.1



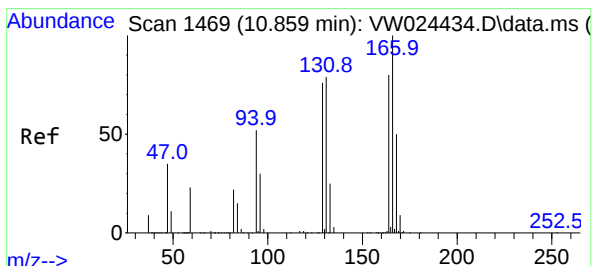
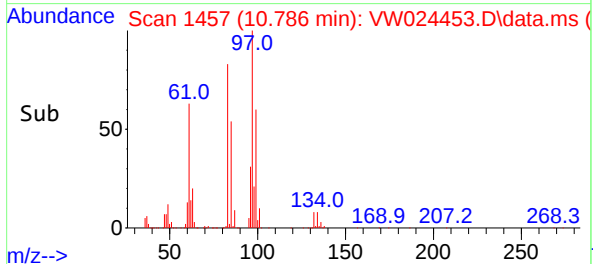
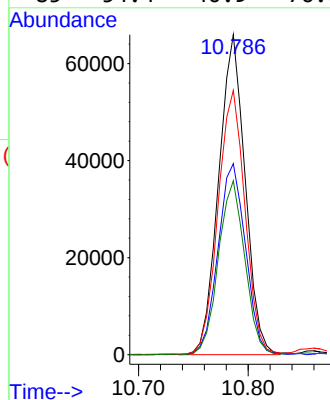
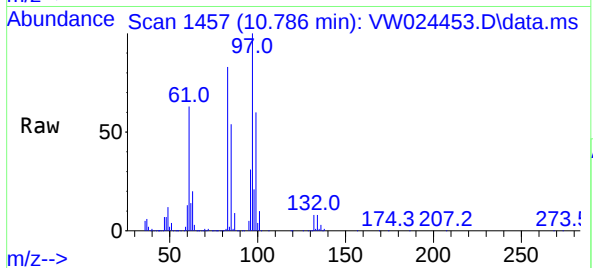


#45
1,1,2-Trichloroethane
Concen: 28.916 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 110562

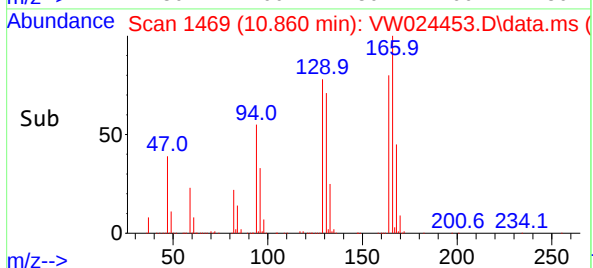
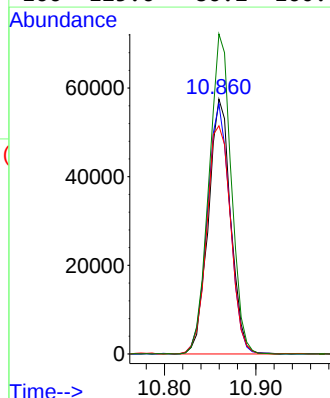
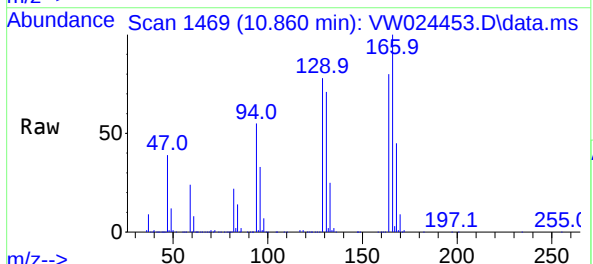
Ion	Ratio	Lower	Upper
97	100		
99	59.7	40.4	75.0
83	82.6	60.1	111.5
85	54.4	40.9	76.0

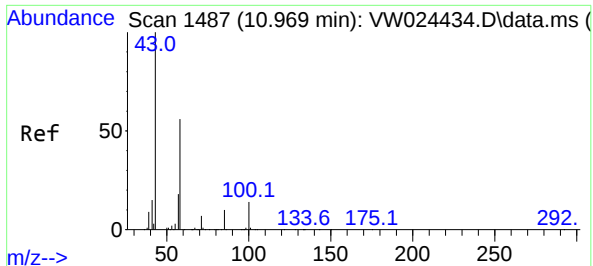


#46
Tetrachloroethene
Concen: 26.258 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 164 Resp: 97655

Ion	Ratio	Lower	Upper
164	100		
129	98.1	72.9	135.3
131	89.5	63.7	118.3
166	125.6	86.2	160.0





#48

2-Hexanone

Concen: 56.477 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 138895

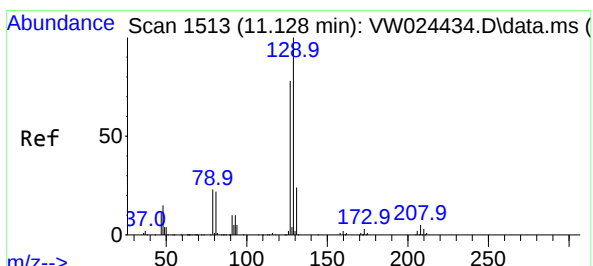
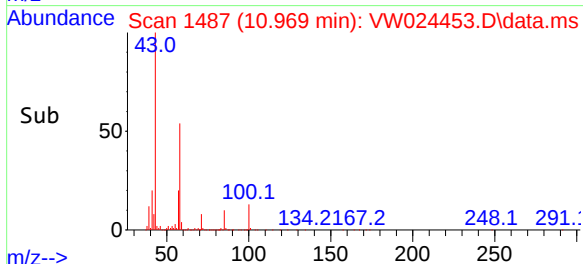
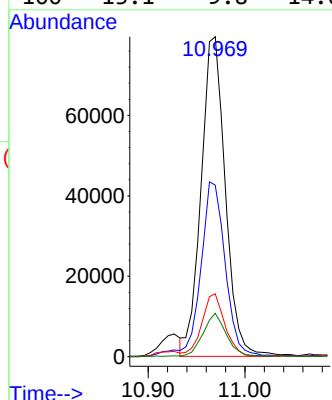
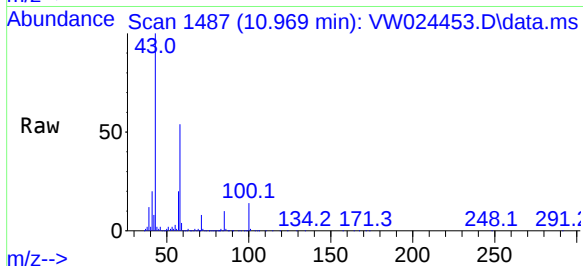
Ion Ratio Lower Upper

43 100

58 53.8 40.6 61.0

57 18.8 14.2 21.2

100 13.1 9.8 14.6



#49

Dibromochloromethane

Concen: 28.855 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024453.D

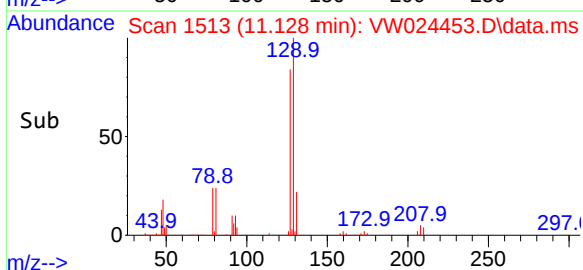
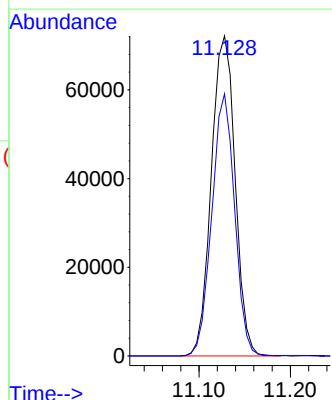
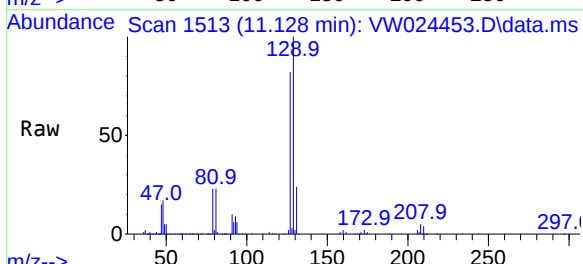
Acq: 29 Aug 2022 17:51

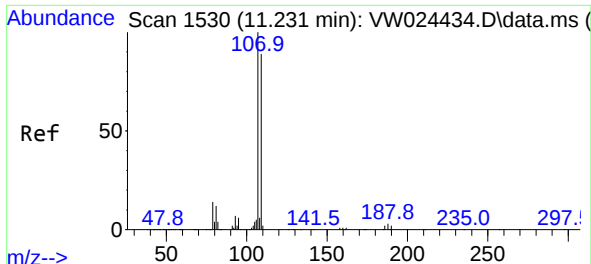
Tgt Ion:129 Resp: 130494

Ion Ratio Lower Upper

129 100

127 81.9 54.6 101.4





#50

1,2-Dibromoethane

Concen: 29.710 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

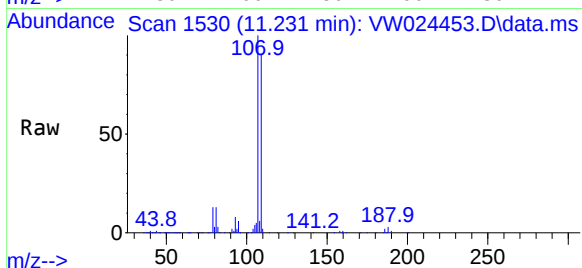
Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Instrument :

MSVOA_W

ClientSampleId :



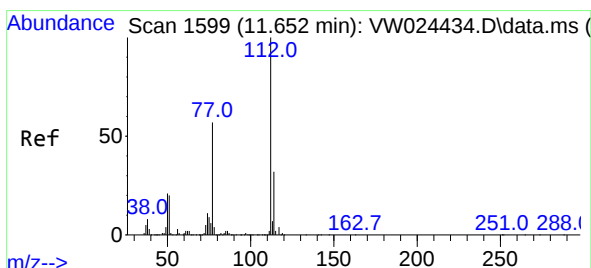
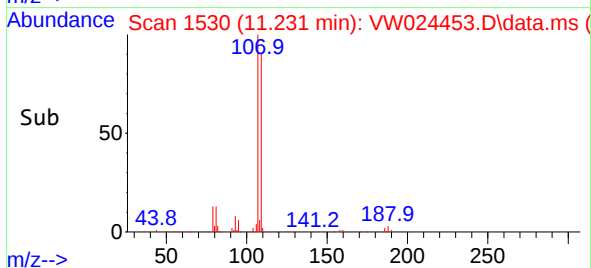
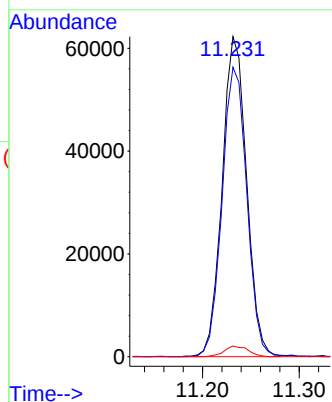
Tgt Ion:107 Resp: 109214

Ion Ratio Lower Upper

107 100

109 90.4 70.1 130.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 28.244 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

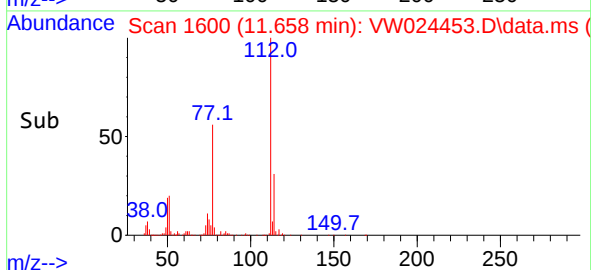
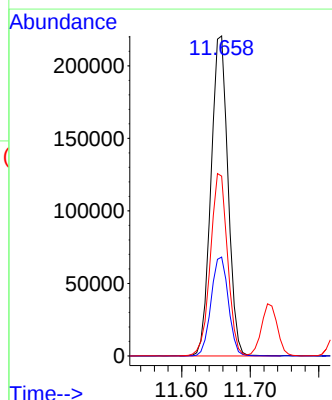
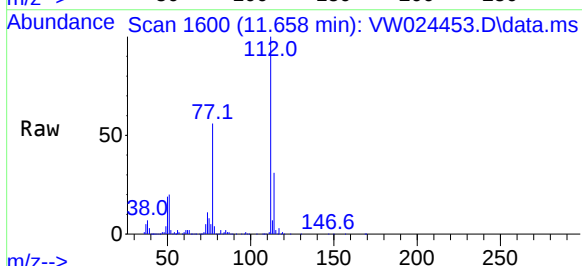
Tgt Ion:112 Resp: 380121

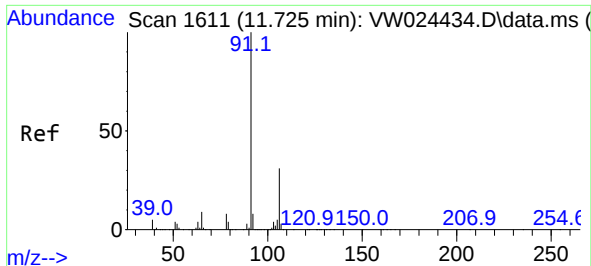
Ion Ratio Lower Upper

112 100

114 30.9 22.3 41.3

77 56.2 44.1 66.1

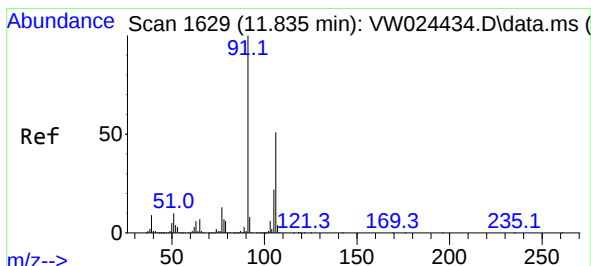
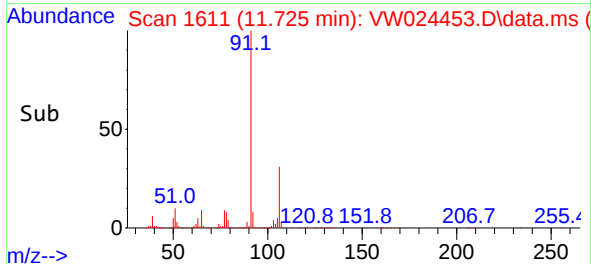
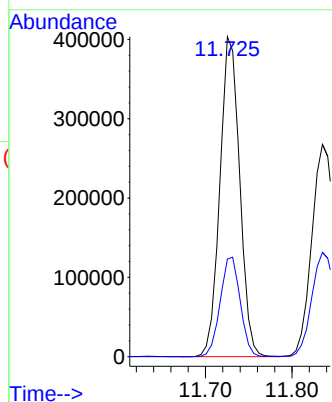
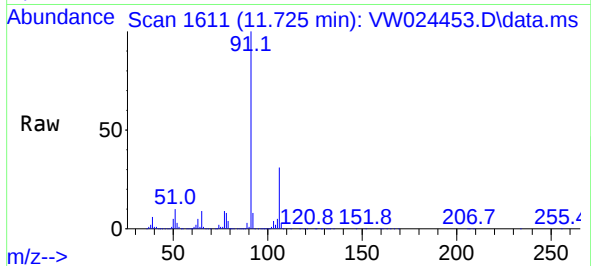




#52
Ethylbenzene
Concen: 28.898 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

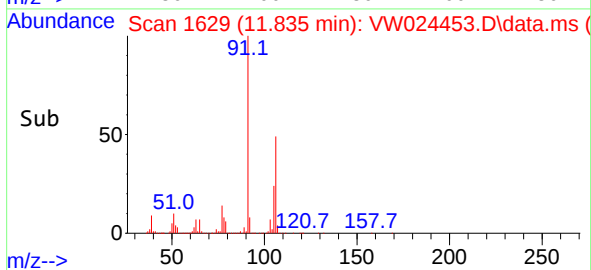
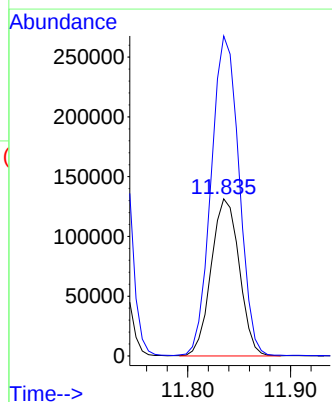
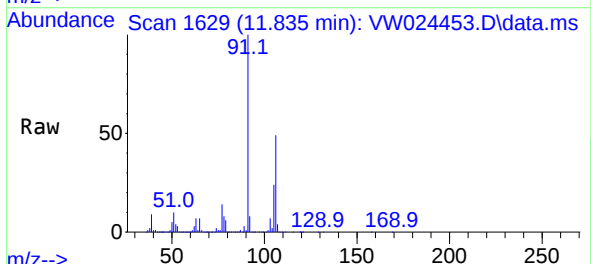
Instrument :
MSVOA_W
ClientSampleId :

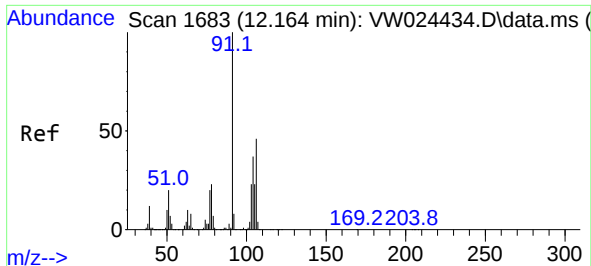
Tgt Ion: 91 Resp: 640627
Ion Ratio Lower Upper
91 100
106 30.5 22.7 42.3



#53
m,p-Xylene
Concen: 28.648 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion:106 Resp: 249408
Ion Ratio Lower Upper
106 100
91 203.7 144.3 267.9

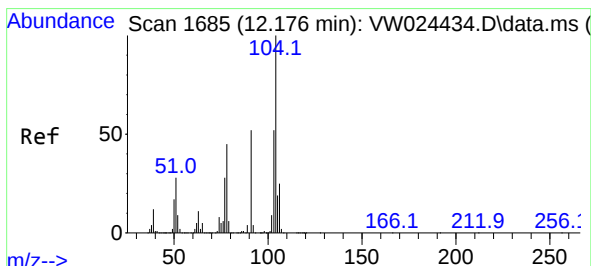
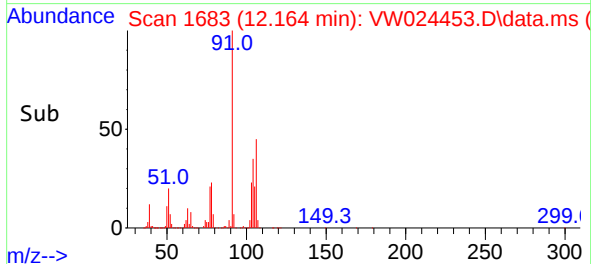
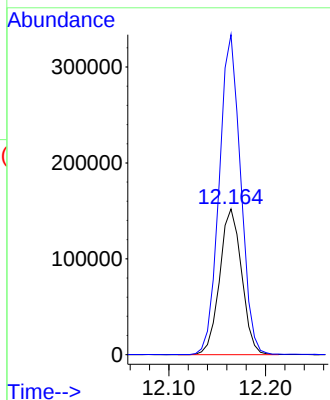
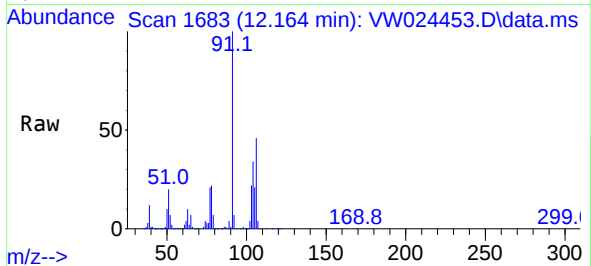




#54
o-Xylene
Concen: 29.405 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

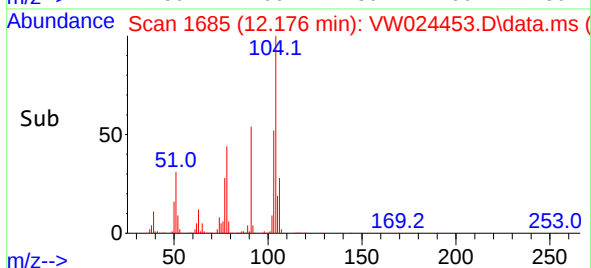
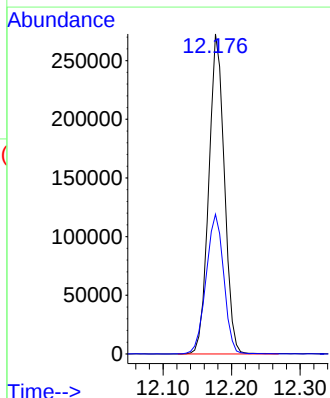
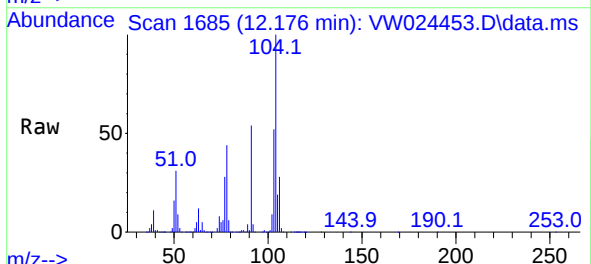
Instrument :
MSVOA_W
ClientSampleId :

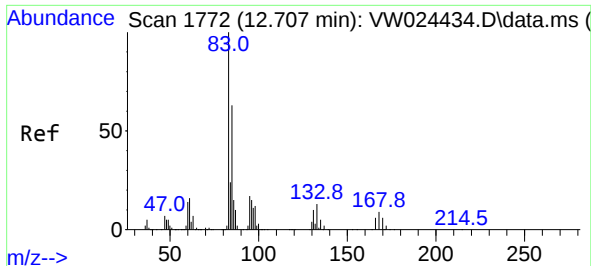
Tgt Ion:106 Resp: 239318
Ion Ratio Lower Upper
106 100
91 219.5 152.1 282.5



#55
Styrene
Concen: 30.073 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion:104 Resp: 432633
Ion Ratio Lower Upper
104 100
78 43.6 32.0 59.4

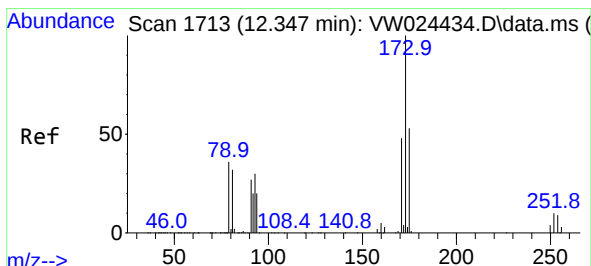
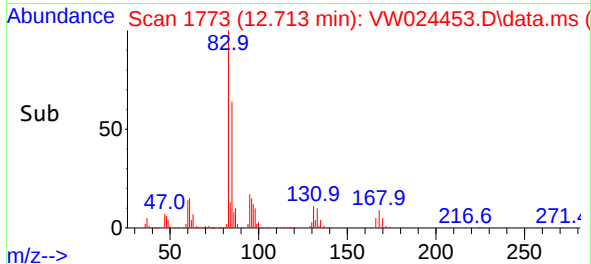
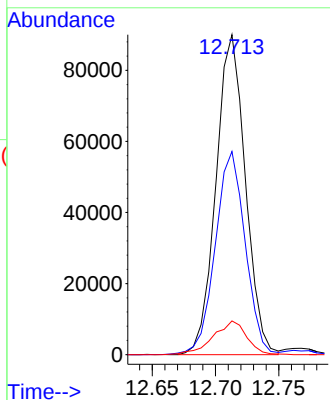
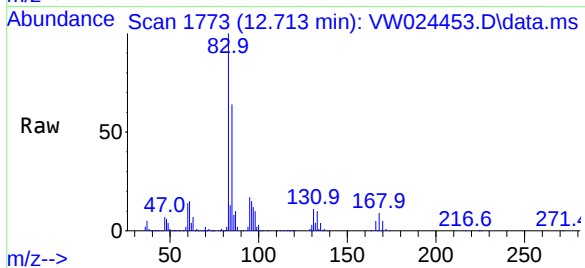




#57
1,1,2-Tetrachloroethane
Concen: 27.295 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

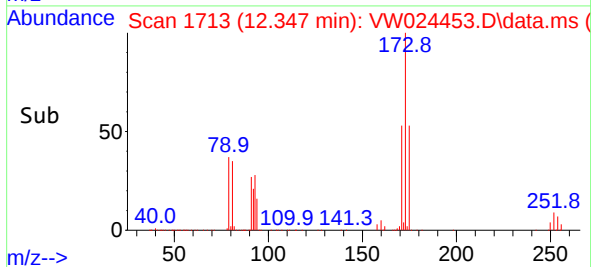
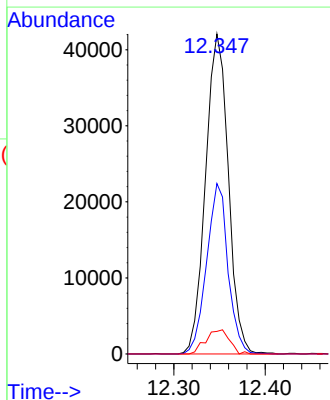
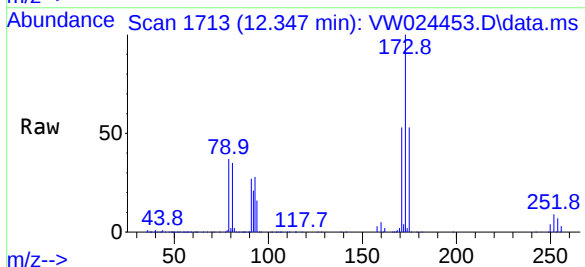
Instrument :
MSVOA_W
ClientSampleId :

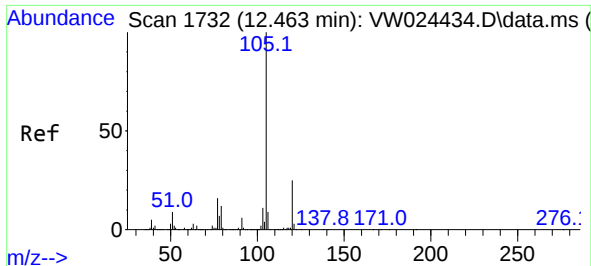
Tgt Ion: 83 Resp: 145675
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5
131 10.5 8.4 12.6



#59
Bromoform
Concen: 27.839 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

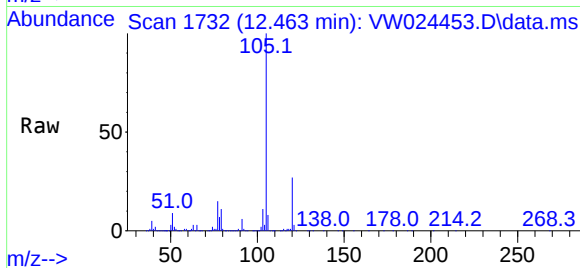
Tgt Ion: 173 Resp: 72973
Ion Ratio Lower Upper
173 100
175 49.9 39.8 59.6
254 7.8 6.8 10.2



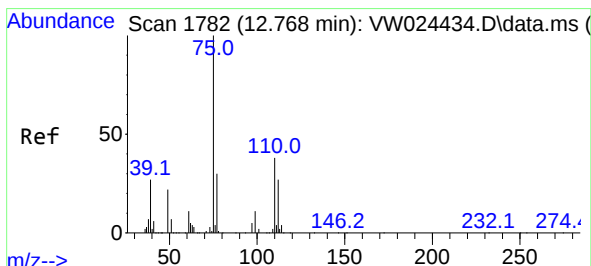
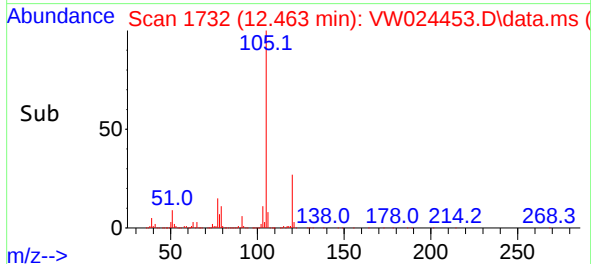
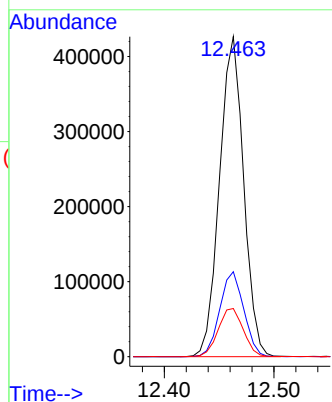


#60
Isopropylbenzene
Concen: 30.049 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Instrument :
MSVOA_W
ClientSampleId :

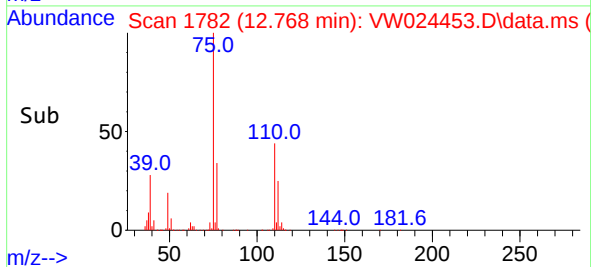
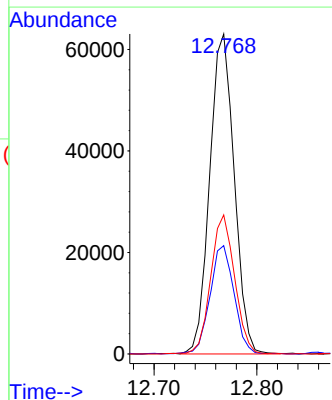
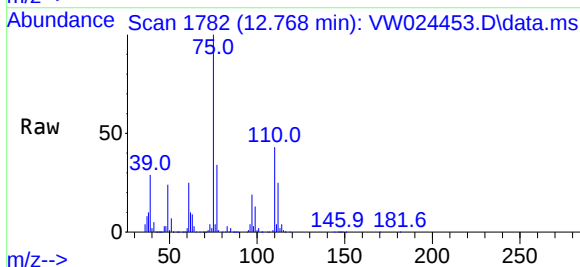


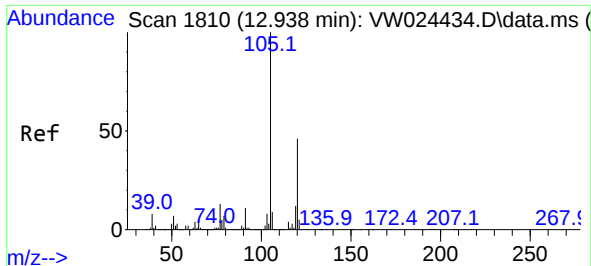
Tgt Ion:105 Resp: 651889
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 15.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 28.280 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion: 75 Resp: 104461
Ion Ratio Lower Upper
75 100
77 33.3 26.5 39.7
110 42.2 33.8 50.8

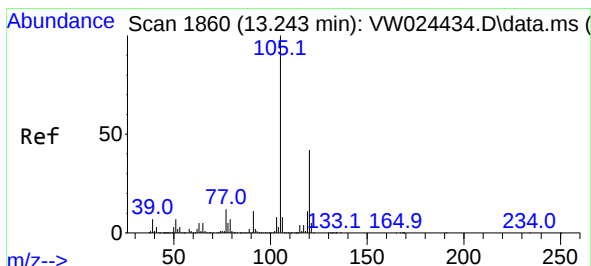
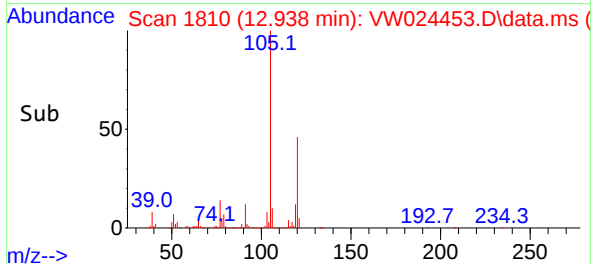
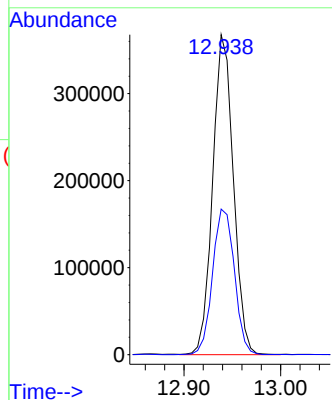
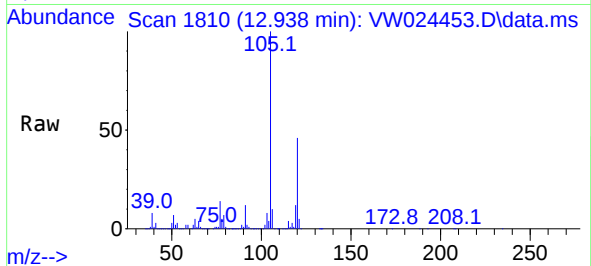




#62
1,3,5-Trimethylbenzene
Concen: 31.234 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

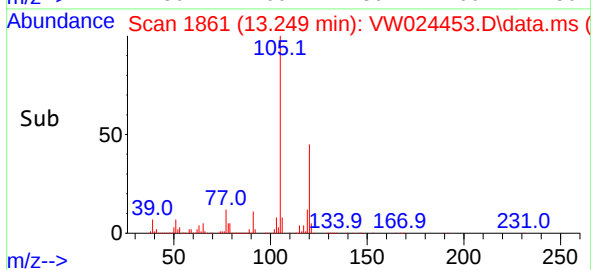
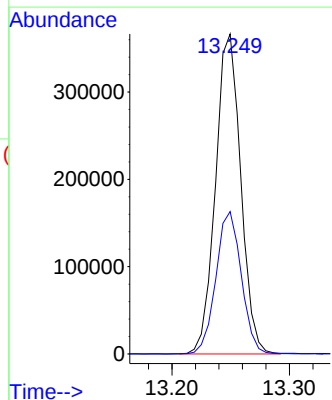
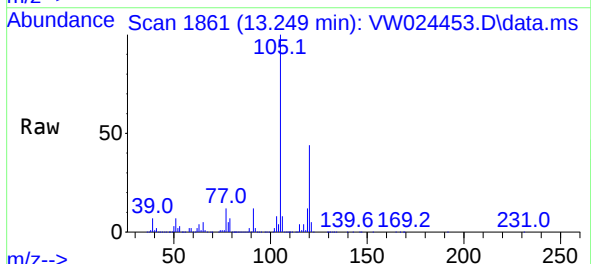
Instrument :
MSVOA_W
ClientSampleId :

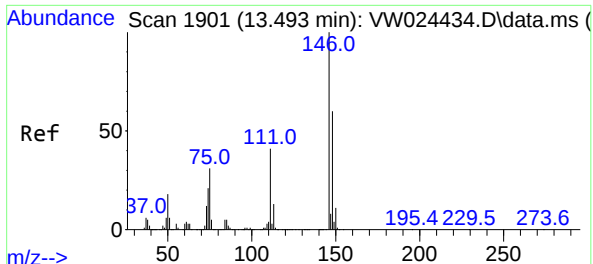
Tgt Ion:105 Resp: 546377
Ion Ratio Lower Upper
105 100
120 48.1 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 32.164 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion:105 Resp: 546520
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.2

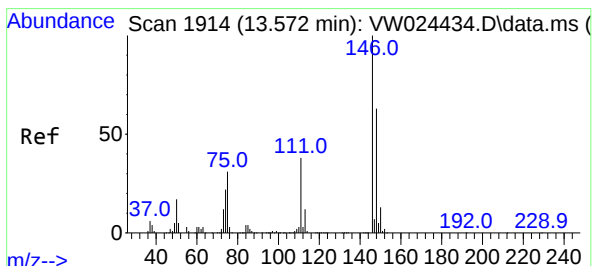
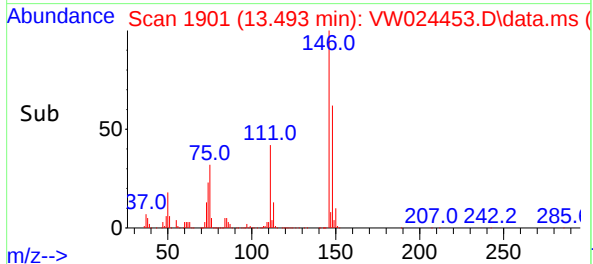
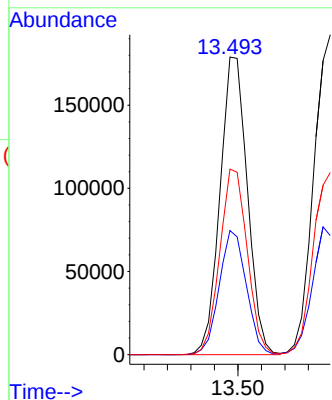
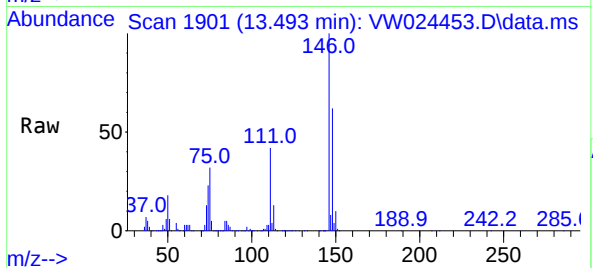




#64
1,3-Dichlorobenzene
Concen: 27.967 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

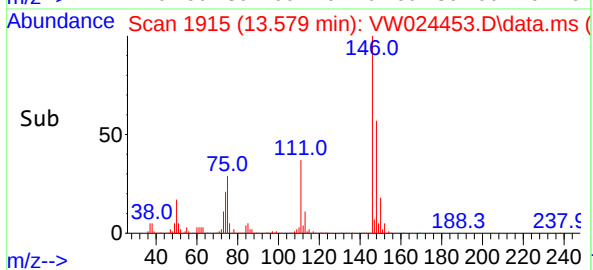
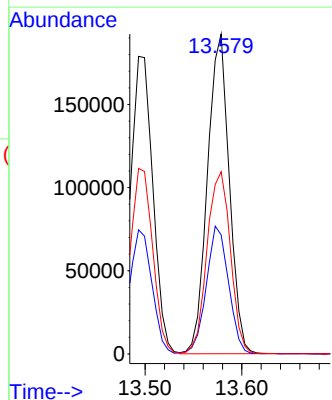
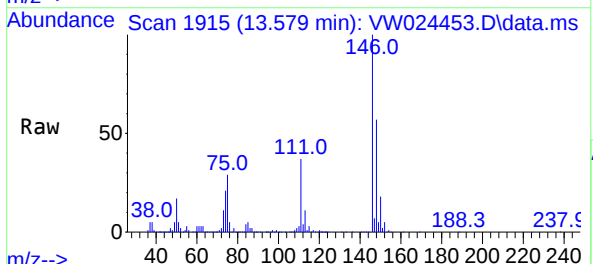
Instrument :
MSVOA_W
ClientSampleId :

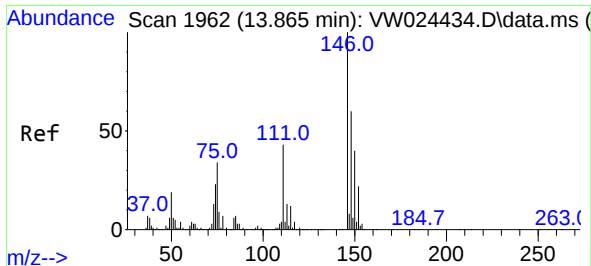
Tgt Ion:146 Resp: 290091
Ion Ratio Lower Upper
146 100
111 41.7 27.0 50.2
148 62.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 27.573 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion:146 Resp: 301953
Ion Ratio Lower Upper
146 100
111 37.2 27.7 51.5
148 57.0 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 28.799 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

Instrument :

MSVOA_W

ClientSampleId :

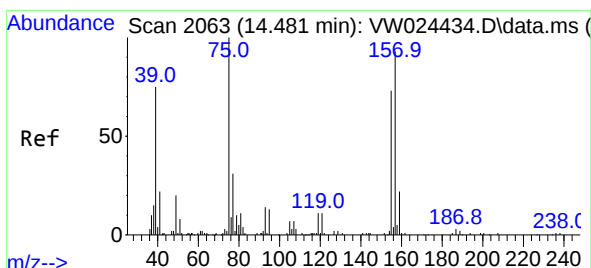
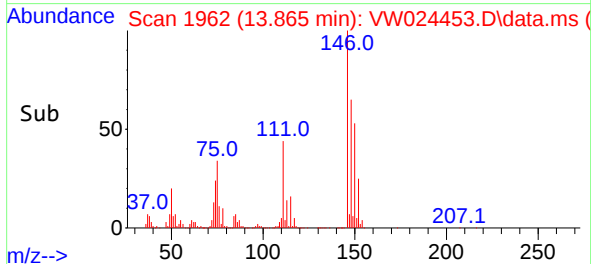
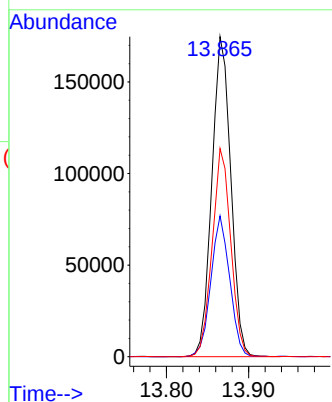
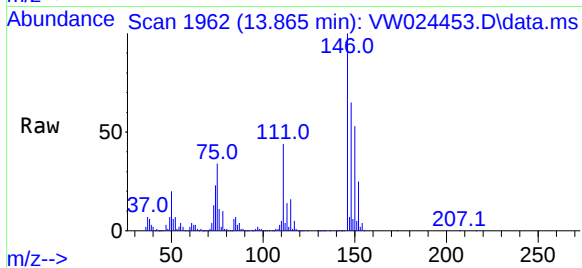
Tgt Ion:146 Resp: 280014

Ion Ratio Lower Upper

146 100

111 44.0 34.5 51.7

148 65.1 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.770 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024453.D

Acq: 29 Aug 2022 17:51

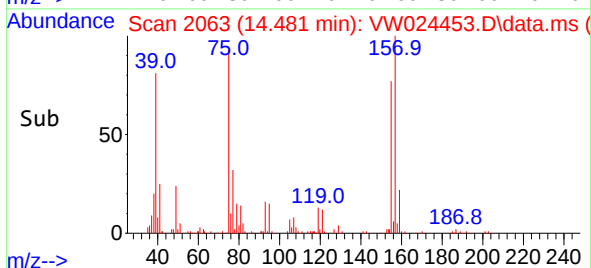
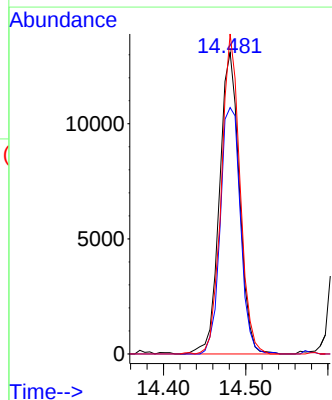
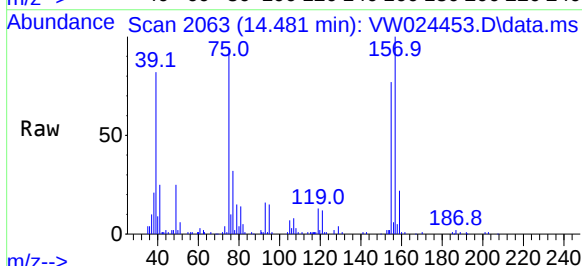
Tgt Ion: 75 Resp: 22059

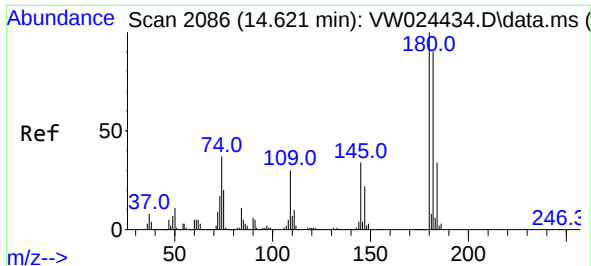
Ion Ratio Lower Upper

75 100

155 81.7 63.9 95.9

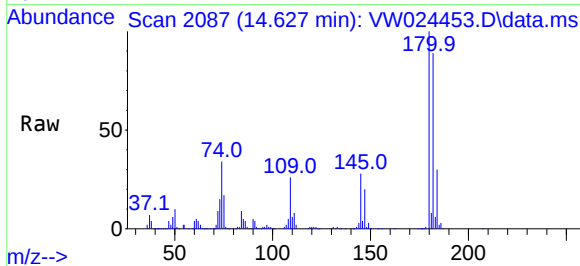
157 106.1 72.2 108.4





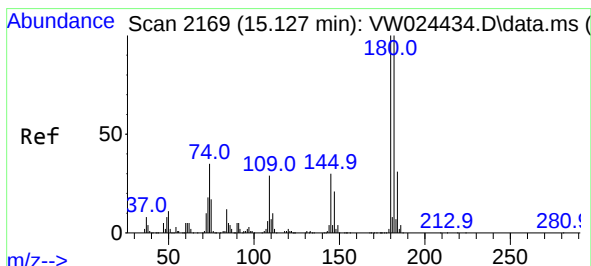
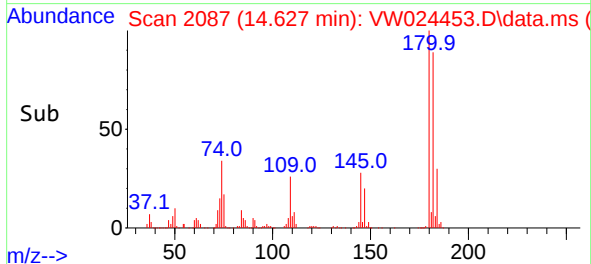
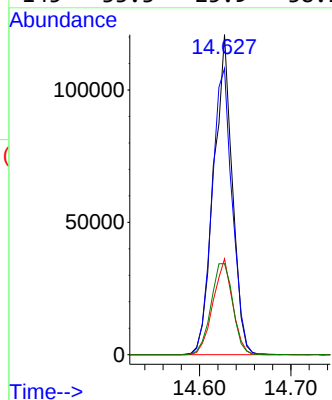
#69
1,3,5-Trichlorobenzene
Concen: 25.627 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 171572

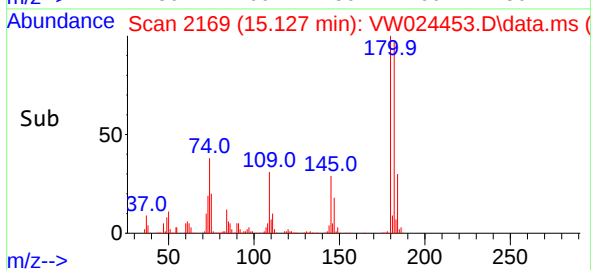
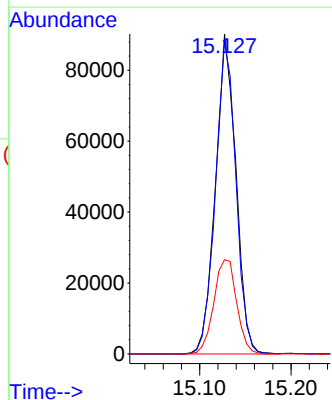
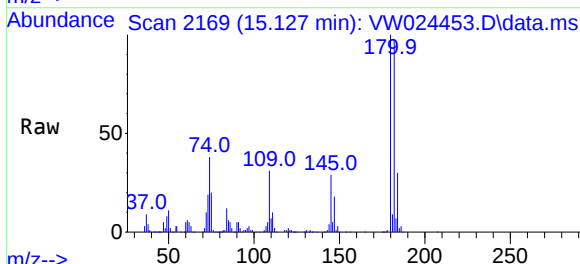
Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.6	114.8
184	31.2	24.5	36.7
145	33.3	25.9	38.9

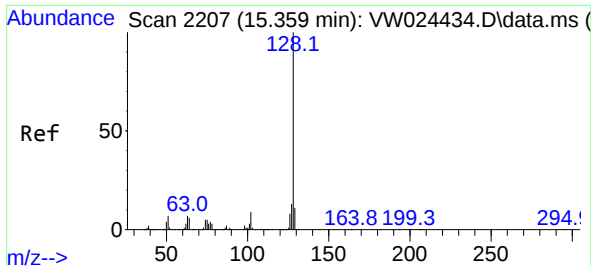


#70
1,2,4-trichlorobenzene
Concen: 26.918 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion:180 Resp: 140093

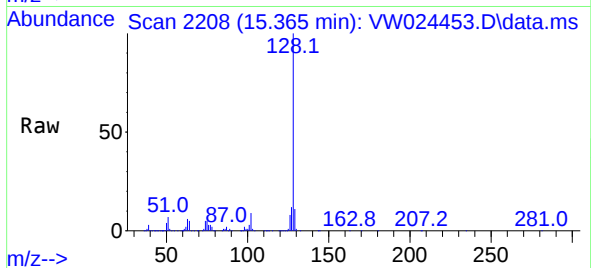
Ion	Ratio	Lower	Upper
180	100		
182	97.9	72.6	109.0
145	33.0	26.2	39.2



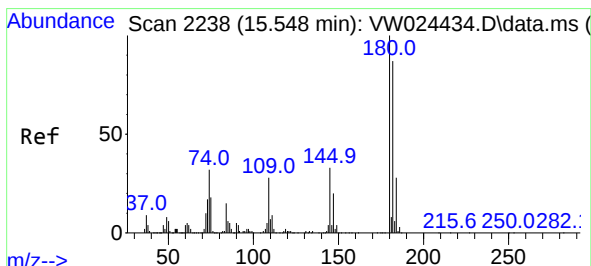
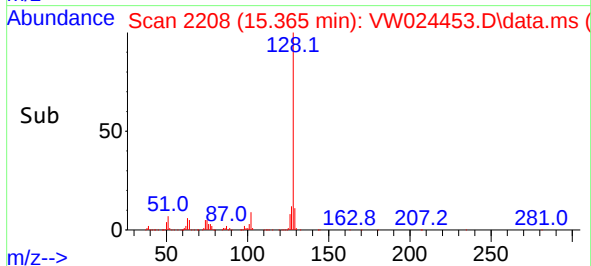
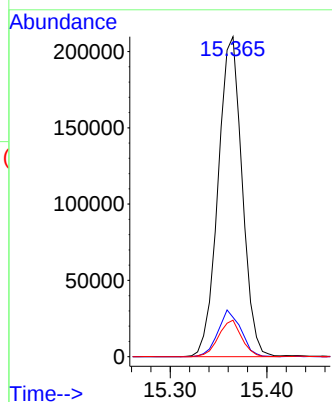


#71
Naphthalene
Concen: 31.670 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 361985
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.0 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 28.177 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024453.D
Acq: 29 Aug 2022 17:51

Tgt Ion:180 Resp: 138594
Ion Ratio Lower Upper
180 100
182 93.1 74.6 111.8
145 35.7 26.6 40.0

