

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021352.D
 Acq On : 12 Dec 2021 05:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 13 03:24:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	90594	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40186	24.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.879	69	29325	26.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.560%
11) 1,1-Dichloroethene-d2	4.025	63	51002	23.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.760%
21) 2-Butanone-d5	7.074	46	14742	63.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.780%
24) Chloroform-d	7.647	84	64714	25.633	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.520%
26) 1,2-Dichloroethane-d4	8.305	65	33770	25.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	8.275	84	120381	24.770	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.080%
36) 1,2-Dichloropropane-d6	9.274	67	33658	25.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	10.323	98	119775	24.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	10.579	79	15289	25.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.920%
47) 2-Hexanone-d5	10.921	63	12248	63.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.100%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33455	29.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	46831	23.131	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	8921	25.486	ug/L	99
3) Chloromethane	2.215	50	24304	20.973	ug/L	100
5) Vinyl chloride	2.361	62	43179	23.735	ug/L	95
6) Bromomethane	2.776	94	30497	25.845	ug/L	100
8) Chloroethane	2.916	64	21705	25.898	ug/L	99
9) Trichlorofluoromethane	3.257	101	20274	21.121	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	30234	24.169	ug/L	91
12) 1,1-Dichloroethene	4.044	96	26918	23.971	ug/L	75
13) Acetone	4.123	43	9785	46.931	ug/L	95
14) Carbon disulfide	4.379	76	76074	26.233	ug/L	98
15) Methyl Acetate	4.672	43	10868	30.210	ug/L	# 88
16) Methylene chloride	4.916	84	32867	21.956	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	30000	24.674	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	45236	26.938	ug/L	93
19) 1,1-Dichloroethane	6.214	63	48519	25.430	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	33100	25.810	ug/L	74
22) 2-Butanone	7.171	43	14824	54.443	ug/L	87
23) Bromochloromethane	7.513	128	16088	26.829	ug/L	# 67
25) Chloroform	7.677	83	58022	26.197	ug/L	100

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 Response via : Initial Calibration

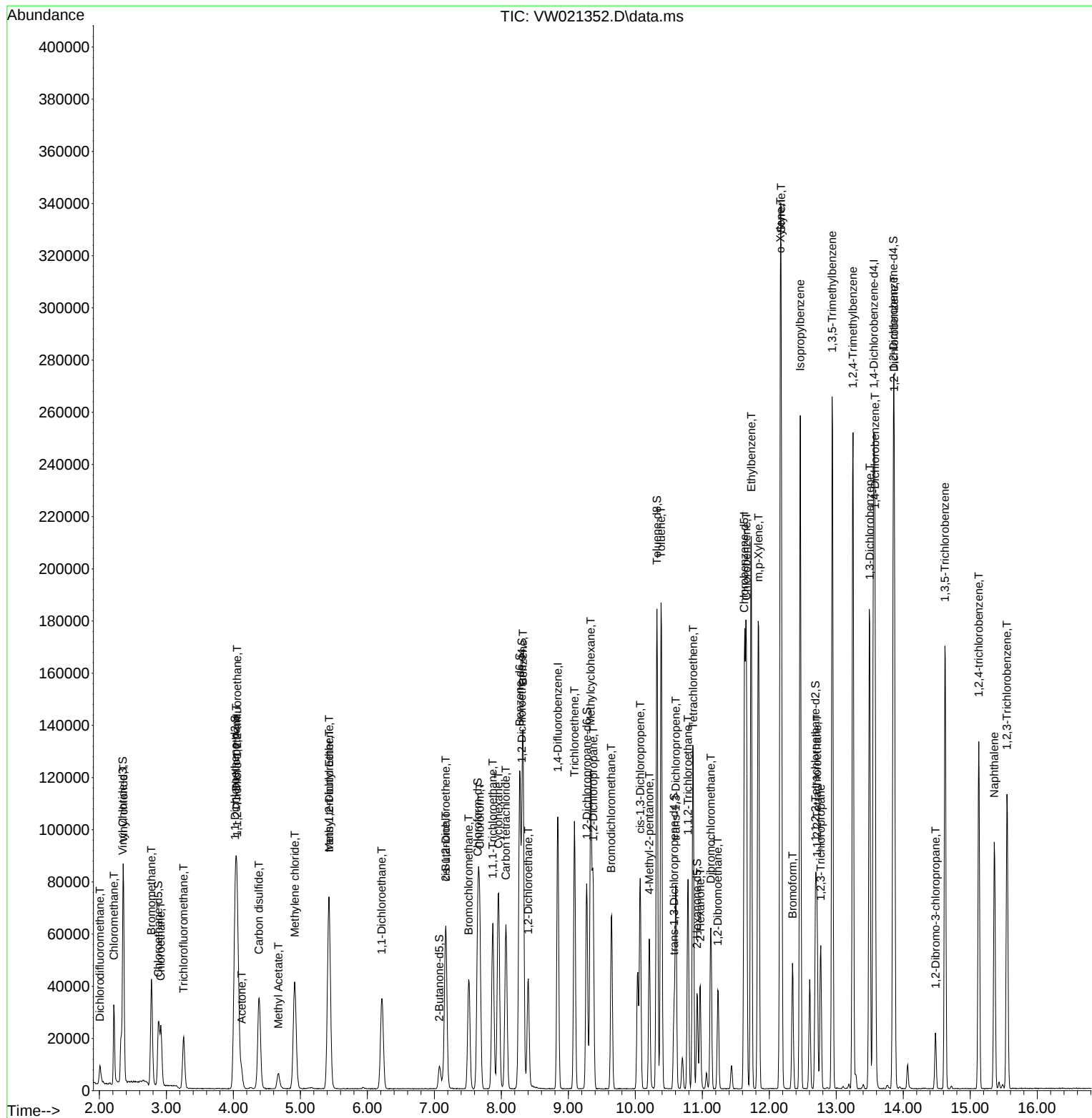
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	37178	26.507	ug/L #	95
29) Cyclohexane	7.958	56	38332	21.721	ug/L #	78
30) 1,1,1-Trichloroethane	7.872	97	49242	24.753	ug/L	94
31) Carbon tetrachloride	8.067	117	47248	25.746	ug/L	98
33) Benzene	8.323	78	117830	24.395	ug/L	100
34) Trichloroethene	9.092	95	32288	23.814	ug/L	80
35) Methylcyclohexane	9.335	83	49584	22.170	ug/L #	82
37) 1,2-Dichloropropane	9.372	63	26972	25.035	ug/L #	95
38) Bromodichloromethane	9.640	83	43071	29.076	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	43863	25.828	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	34227	58.305	ug/L #	92
42) Toluene	10.384	91	134973	23.894	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	39487	26.546	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	24478	27.759	ug/L	94
46) Tetrachloroethene	10.866	164	29412	22.835	ug/L	91
48) 2-Hexanone	10.969	43	24257	56.981	ug/L #	96
49) Dibromochloromethane	11.128	129	33574	30.885	ug/L	92
50) 1,2-Dibromoethane	11.231	107	24084	27.445	ug/L	99
51) Chlorobenzene	11.658	112	90986	24.058	ug/L	91
52) Ethylbenzene	11.731	91	149335	23.134	ug/L	97
53) m,p-Xylene	11.841	106	60309	23.159	ug/L	81
54) o-Xylene	12.164	106	58664	23.737	ug/L	94
55) Styrene	12.176	104	102539	24.378	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	29225	28.912	ug/L #	95
59) Bromoform	12.347	173	21596	34.744	ug/L	100
60) Isopropylbenzene	12.463	105	158390	22.314	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20391	26.820	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	137987	22.844	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	133716	22.441	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	78948	23.579	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	81642	24.543	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	70389	23.879	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4792	30.557	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.621	180	54580	21.811	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	45036	22.375	ug/L	87
71) Naphthalene	15.359	128	81335	24.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	38475	23.130	ug/L	95

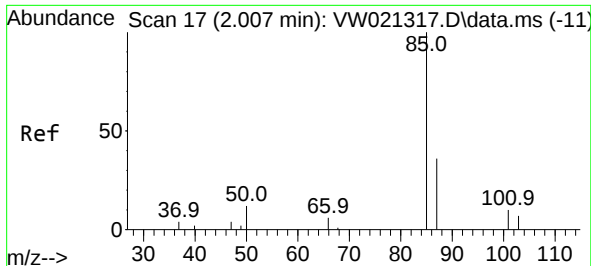
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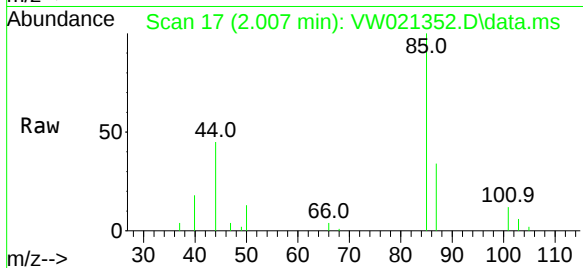
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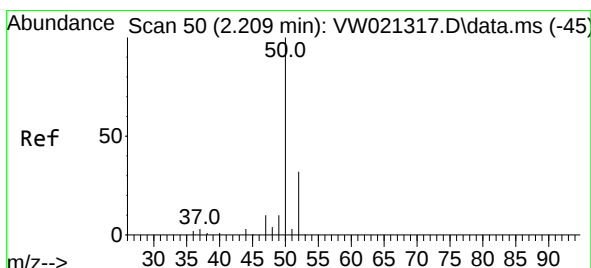
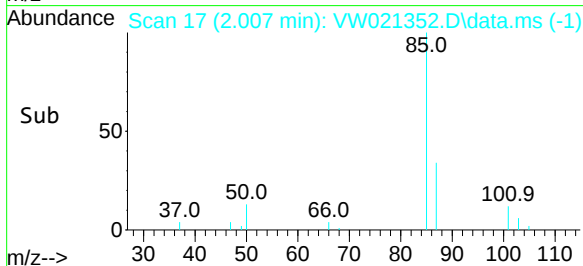
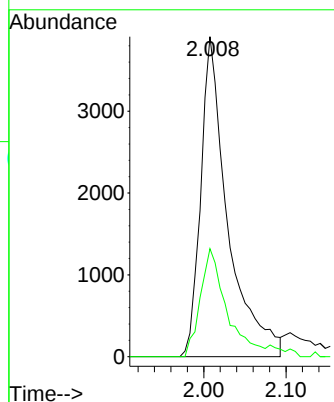


#2
 Dichlorodifluoromethane
 Concen: 25.486 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021352.D
 Acq: 12 Dec 2021 05:34

Instrument :
 MSVOA_W
 ClientSampleId :

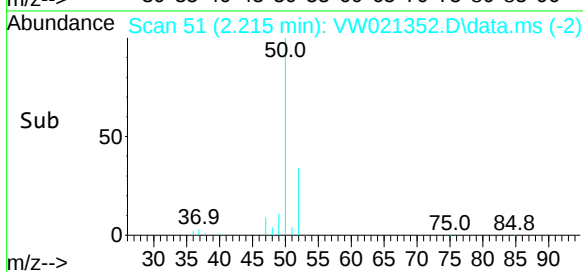
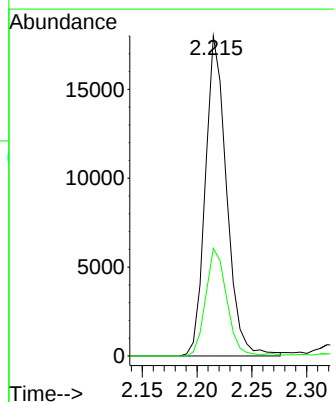
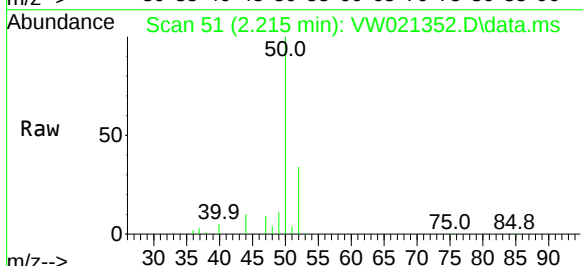


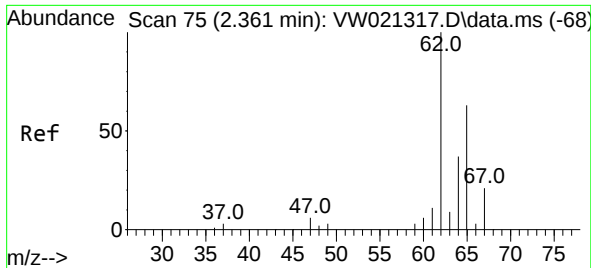
Tgt Ion: 85 Resp: 8921
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.8 38.6



#3
 Chloromethane
 Concen: 20.973 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021352.D
 Acq: 12 Dec 2021 05:34

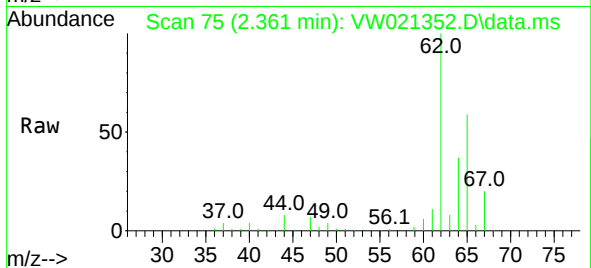
Tgt Ion: 50 Resp: 24304
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.6



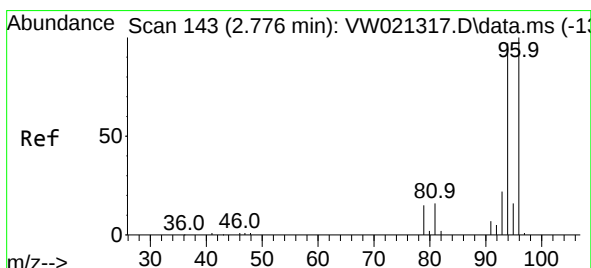
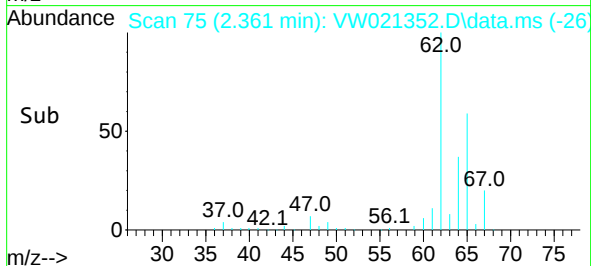
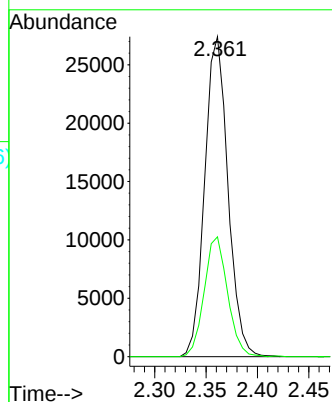


#5
 Vinyl chloride
 Concen: 23.735 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021352.D
 Acq: 12 Dec 2021 05:34

Instrument :
 MSVOA_W
 ClientSampleId :

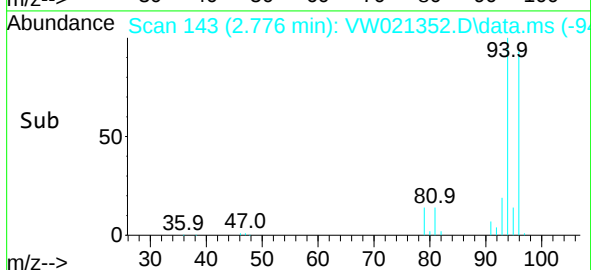
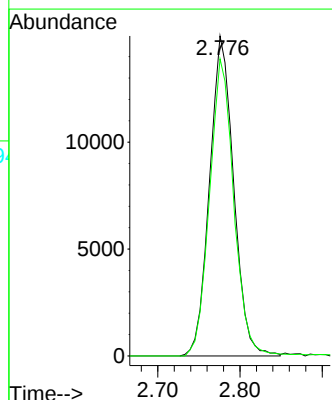
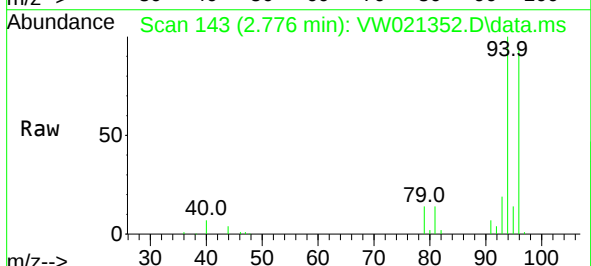


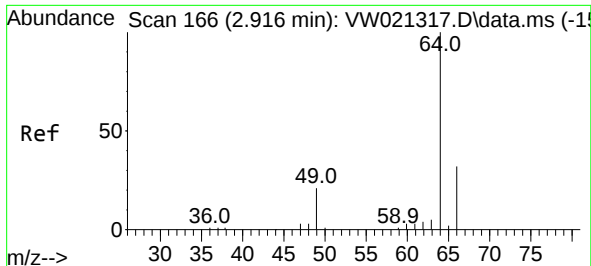
Tgt Ion: 62 Resp: 43179
 Ion Ratio Lower Upper
 62 100
 64 37.5 24.4 45.2



#6
 Bromomethane
 Concen: 25.845 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021352.D
 Acq: 12 Dec 2021 05:34

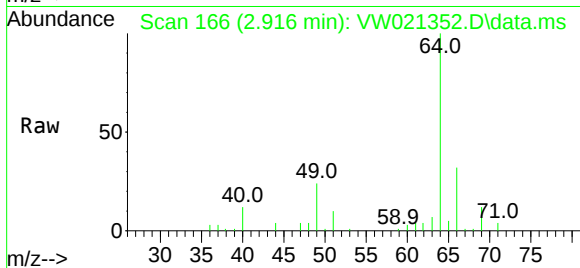
Tgt Ion: 94 Resp: 30497
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.8 120.4



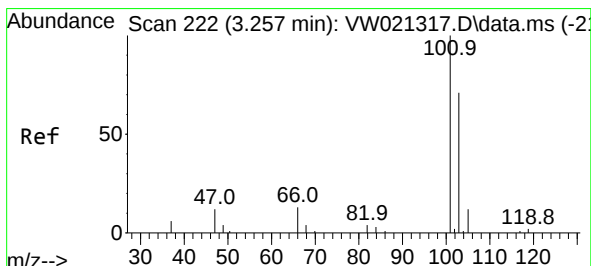
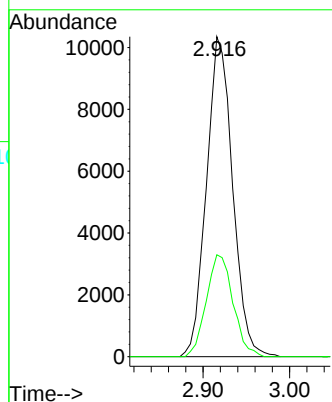
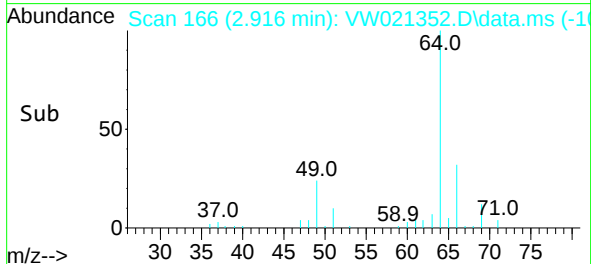


#8
Chloroethane
Concen: 25.898 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Instrument :
MSVOA_W
ClientSampleId :

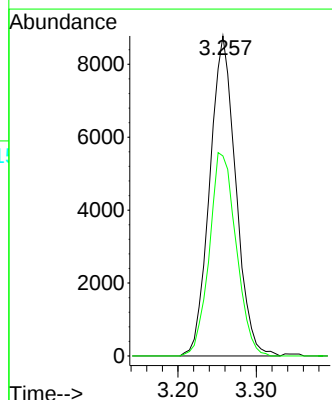
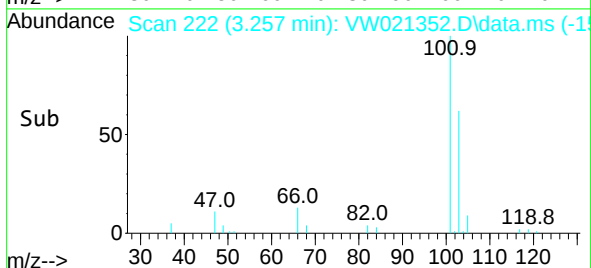
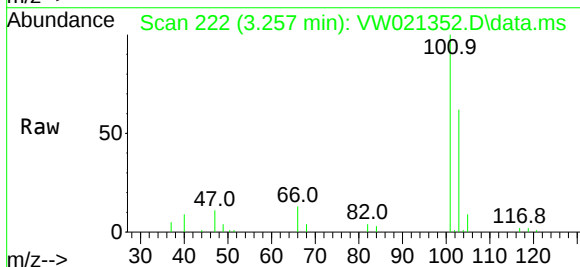


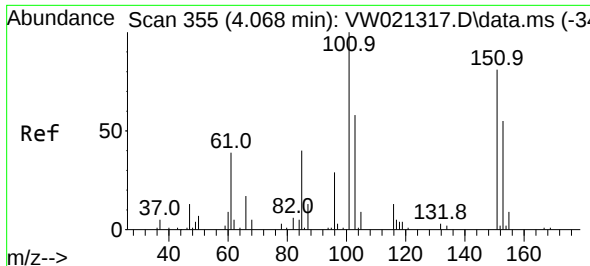
Tgt Ion: 64 Resp: 21705
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.121 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion: 101 Resp: 20274
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

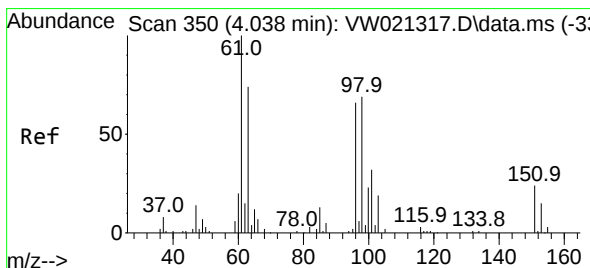
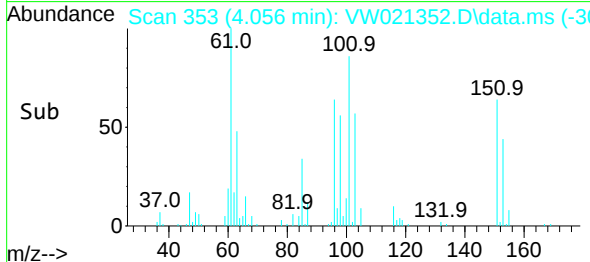
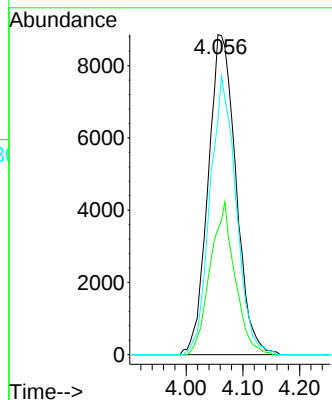
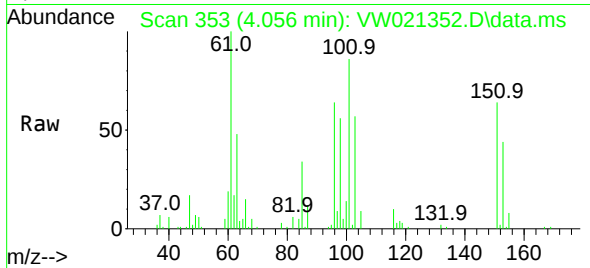




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.169 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW021352.D
 Acq: 12 Dec 2021 05:34

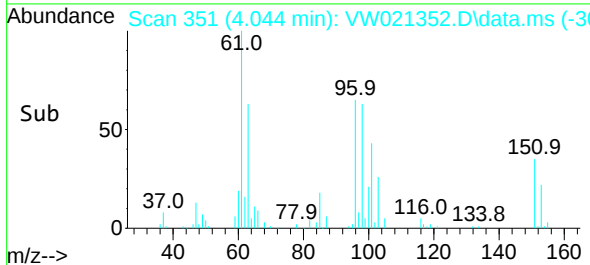
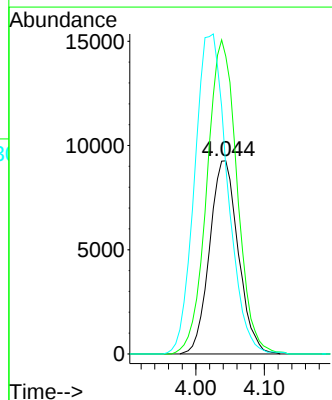
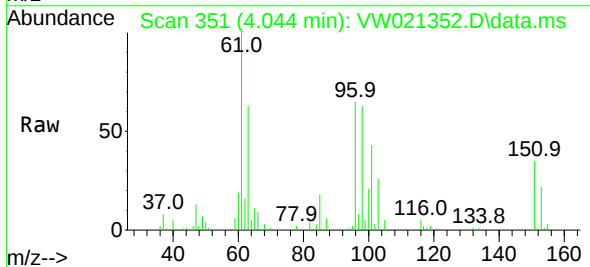
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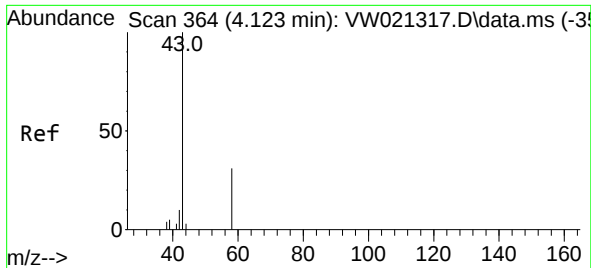
Tgt Ion:101 Resp: 30234
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.6 54.8
 151 81.4 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.971 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW021352.D
 Acq: 12 Dec 2021 05:34

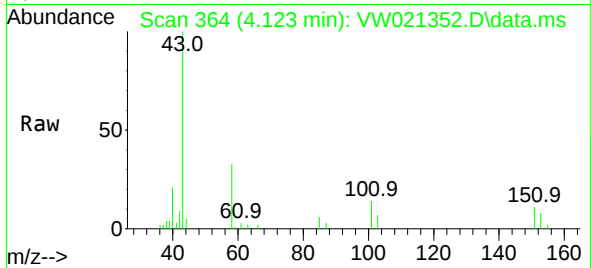
Tgt Ion: 96 Resp: 26918
 Ion Ratio Lower Upper
 96 100
 61 154.1 138.3 256.9
 63 96.8 82.6 153.4



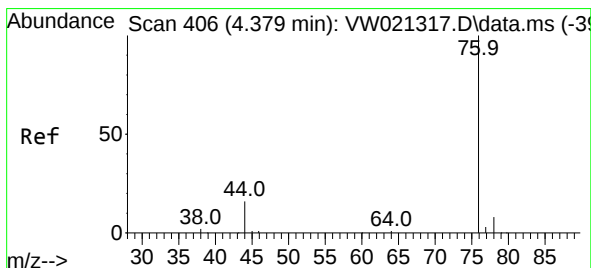
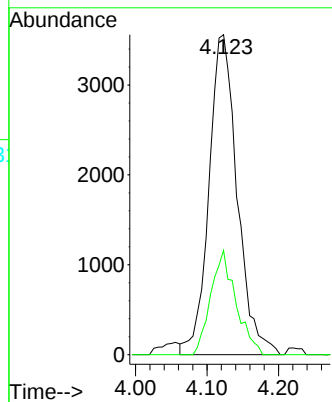
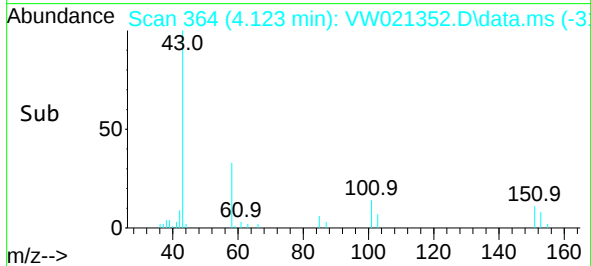


#13
Acetone
Concen: 46.931 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

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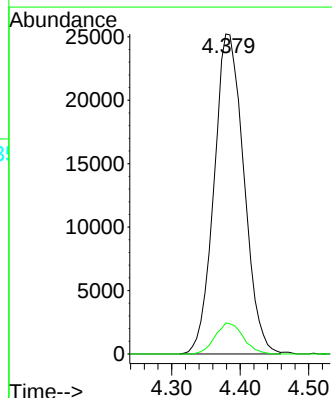
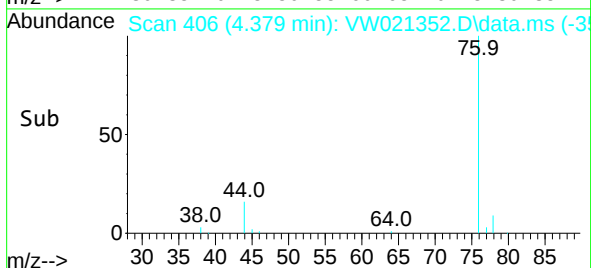
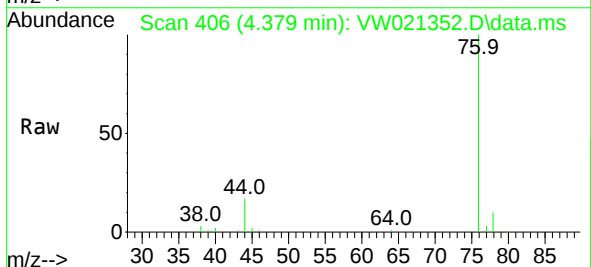


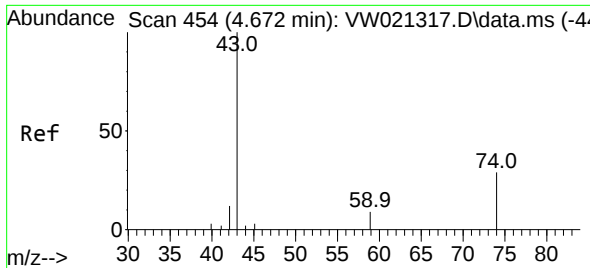
Tgt Ion: 43 Resp: 9785
Ion Ratio Lower Upper
43 100
58 28.9 0.0 52.8



#14
Carbon disulfide
Concen: 26.233 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion: 76 Resp: 76074
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

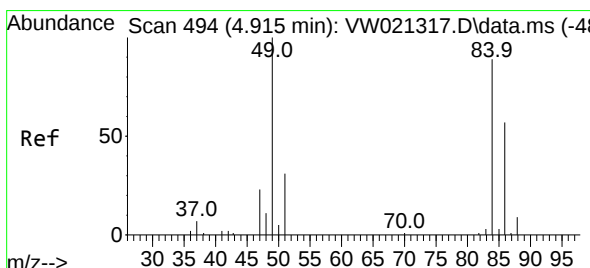
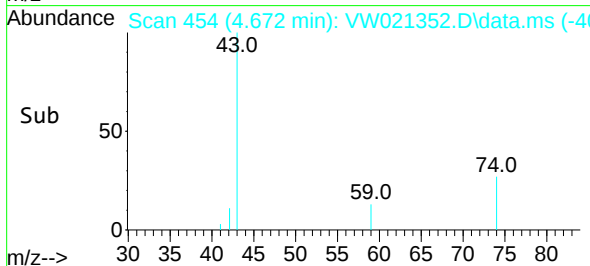
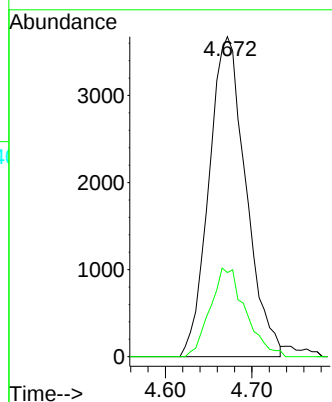
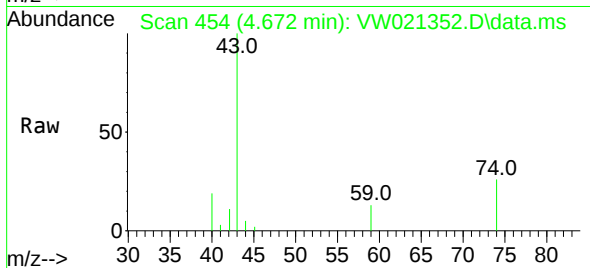




#15
Methyl Acetate
Concen: 30.210 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

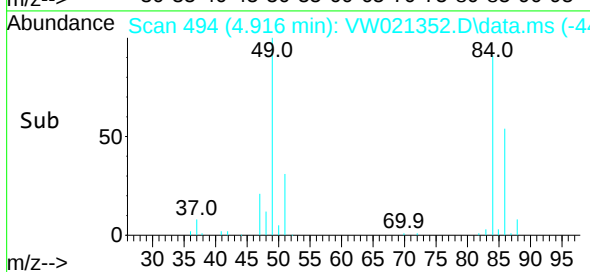
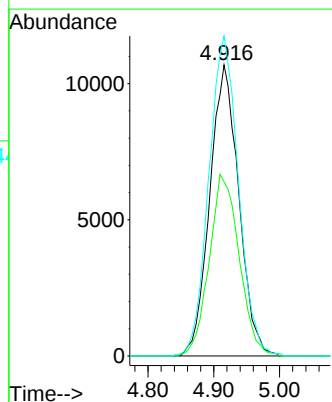
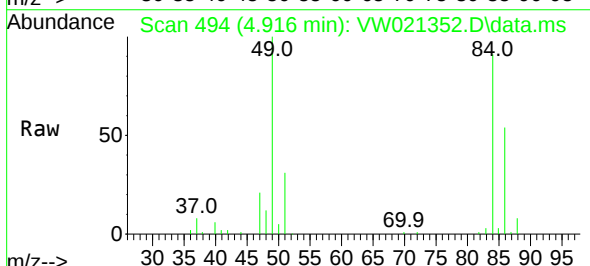
Instrument :
MSVOA_W
ClientSampleId :

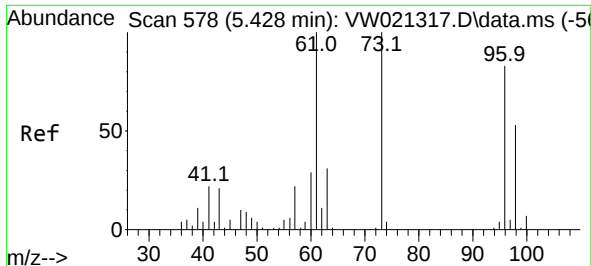
Tgt Ion: 43 Resp: 10868
Ion Ratio Lower Upper
43 100
74 26.2 16.4 24.6#



#16
Methylene chloride
Concen: 21.956 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion: 84 Resp: 32867
Ion Ratio Lower Upper
84 100
86 59.9 45.5 84.5
49 109.9 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 24.674 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

ClientSampleId :

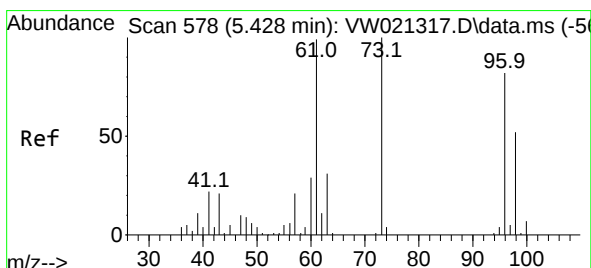
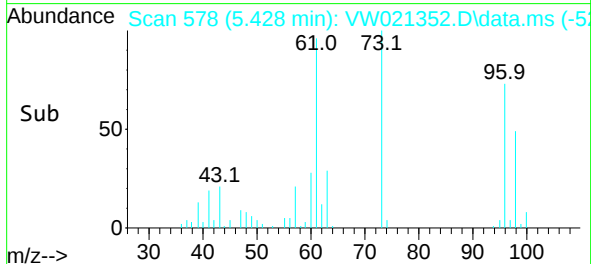
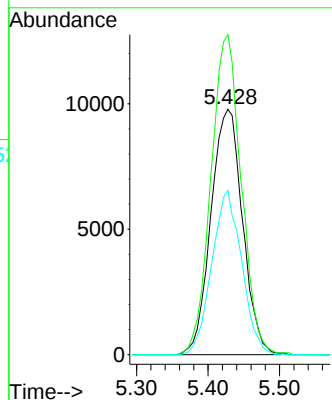
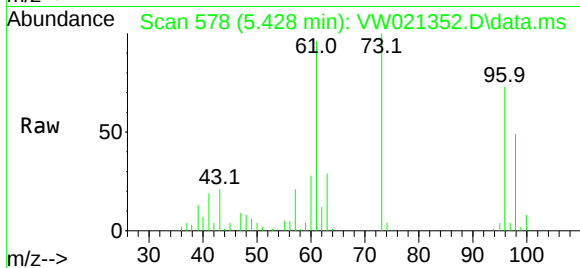
Tgt Ion: 96 Resp: 30000

Ion Ratio Lower Upper

96 100

61 130.4 107.4 199.4

98 66.9 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 26.938 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

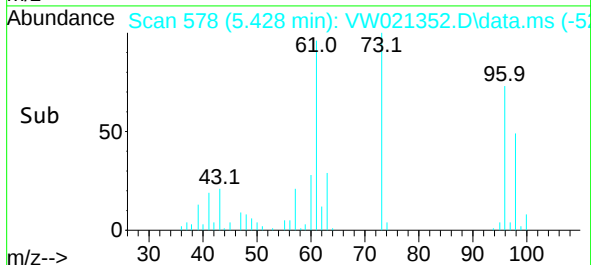
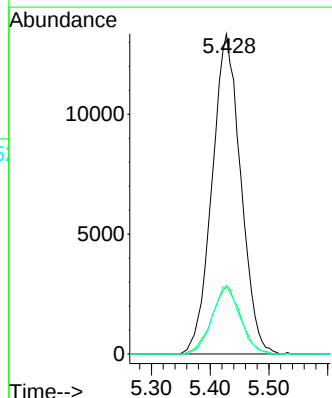
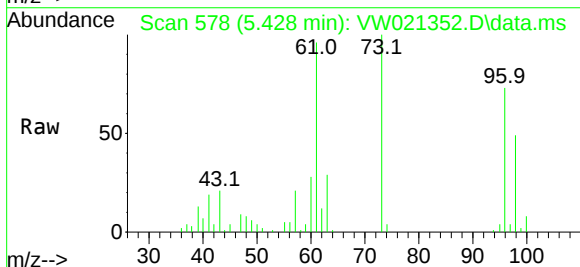
Tgt Ion: 73 Resp: 45236

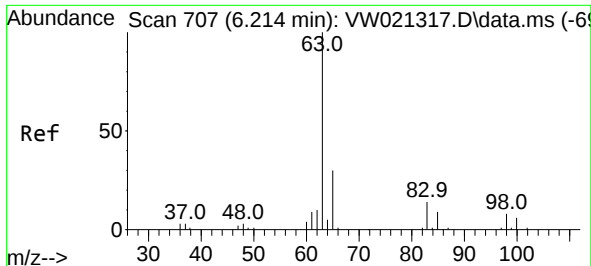
Ion Ratio Lower Upper

73 100

43 21.3 19.5 29.3

57 20.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.430 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021352.D

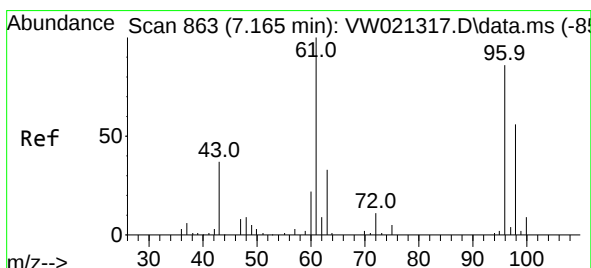
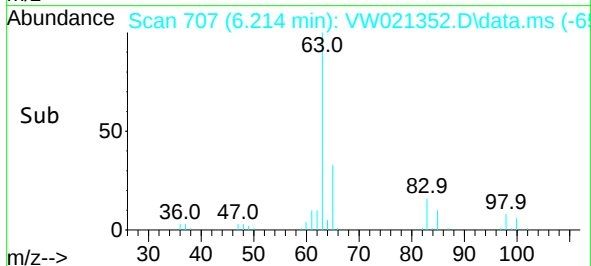
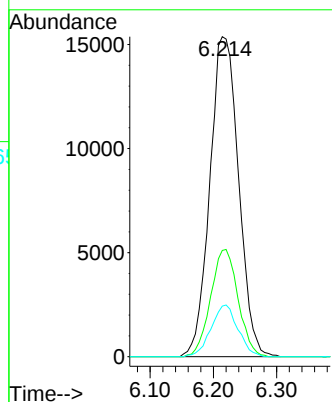
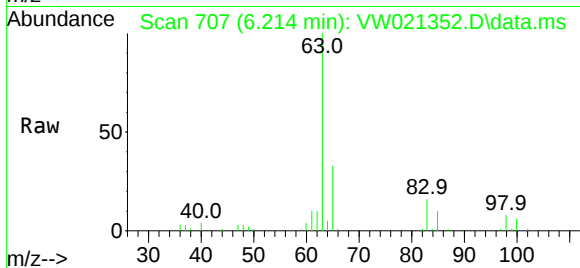
Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 48519
Ion Ratio	Lower Upper
63	100
65	33.2 22.1 41.1
83	15.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.810 ug/L

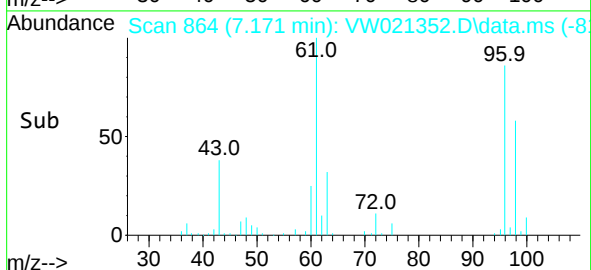
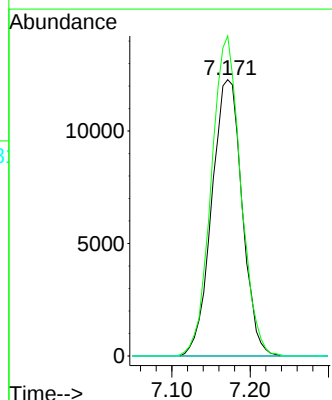
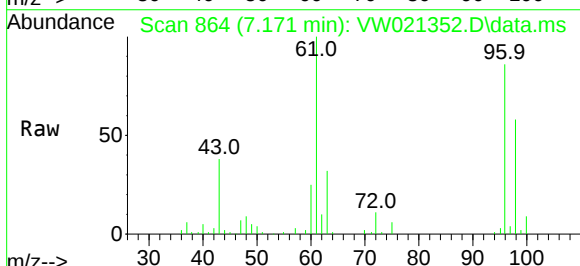
RT: 7.171 min Scan# 864

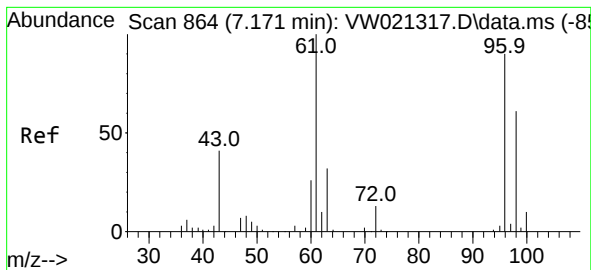
Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Tgt Ion: 96	Resp: 33100
Ion Ratio	Lower Upper
96	100
61	115.8 103.7 192.7
68	0.0 0.0 0.0





#22

2-Butanone

Concen: 54.443 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

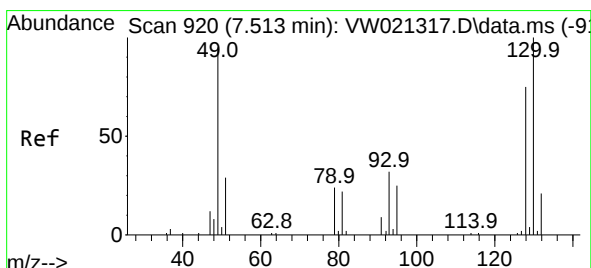
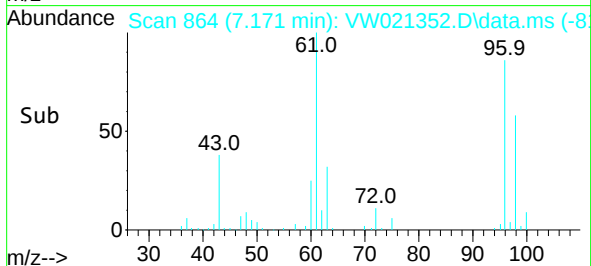
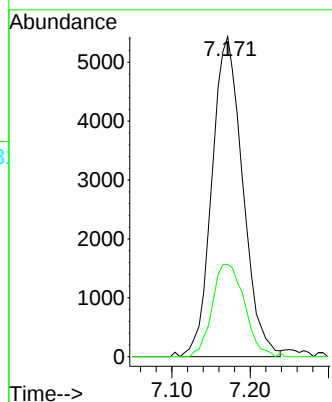
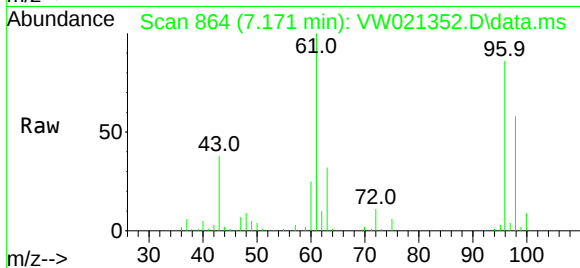
ClientSampleId :

Tgt Ion: 43 Resp: 14824

Ion Ratio Lower Upper

43 100

72 30.2 11.8 35.4



#23

Bromochloromethane

Concen: 26.829 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Tgt Ion: 128 Resp: 16088

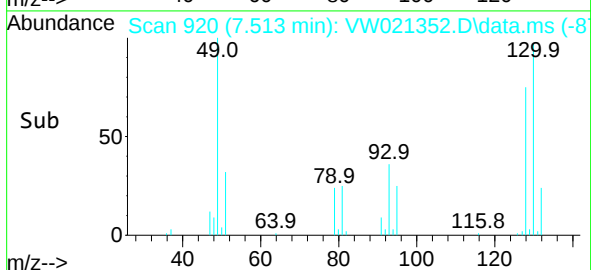
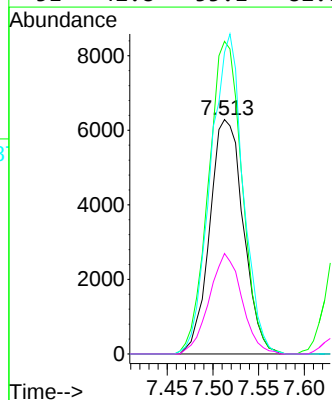
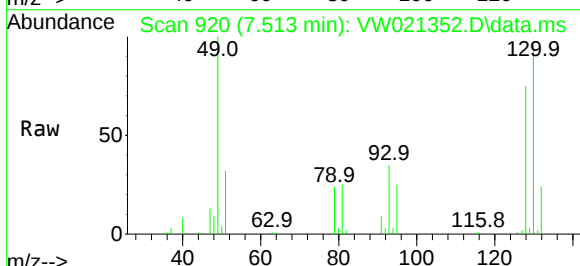
Ion Ratio Lower Upper

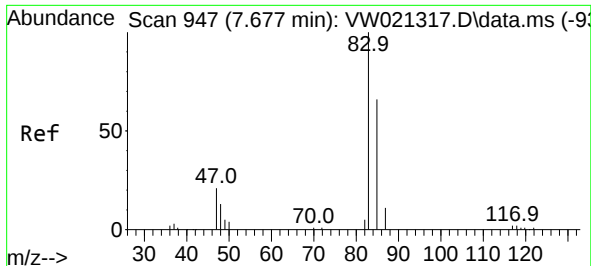
128 100

49 133.4 150.3 279.1#

130 128.7 88.3 163.9

51 42.8 55.1 82.7#

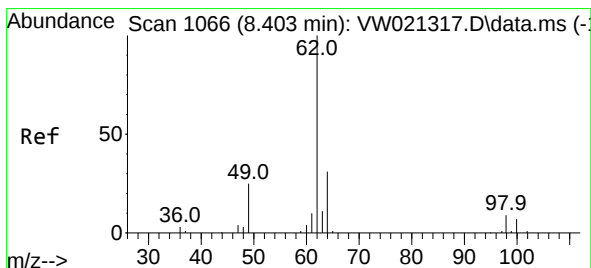
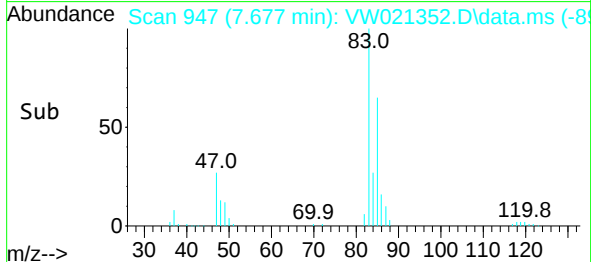
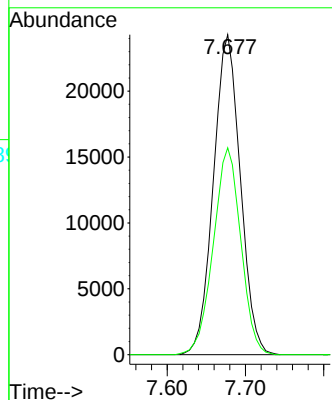
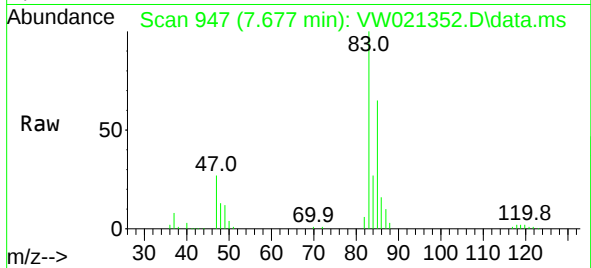




#25
Chloroform
Concen: 26.197 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

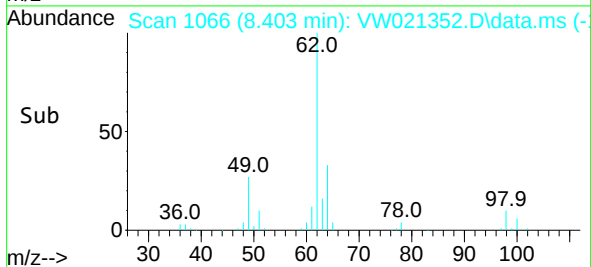
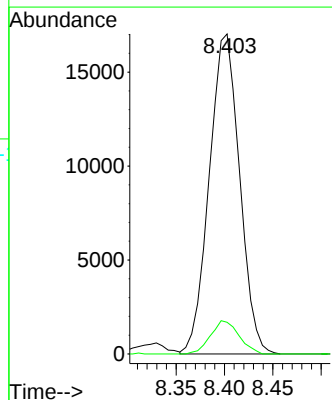
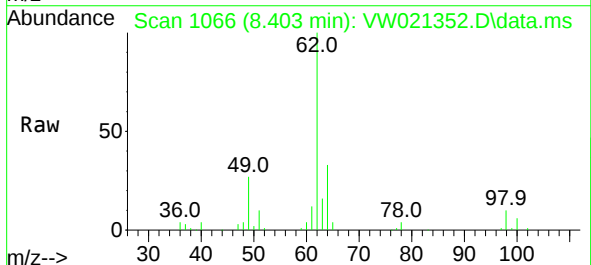
Instrument :
MSVOA_W
ClientSampleId :

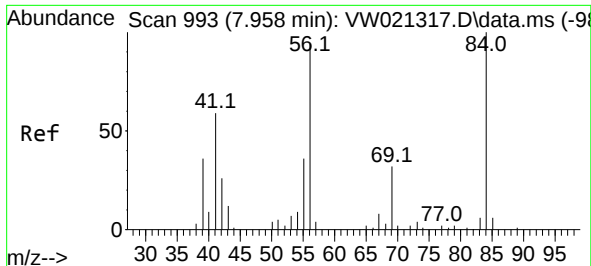
Tgt Ion: 83 Resp: 58022
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.507 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion: 62 Resp: 37178
Ion Ratio Lower Upper
62 100
98 9.9 6.5 9.7#





#29

Cyclohexane

Concen: 21.721 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

ClientSampleId :

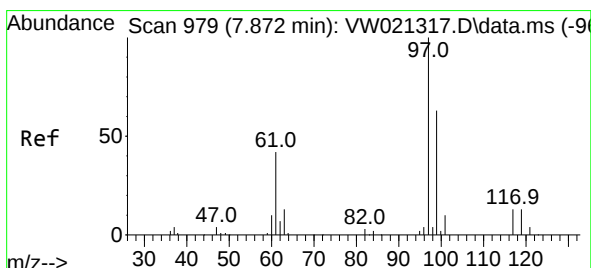
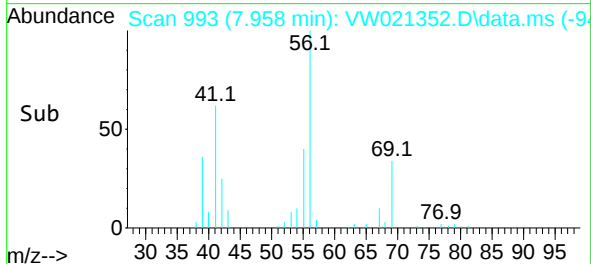
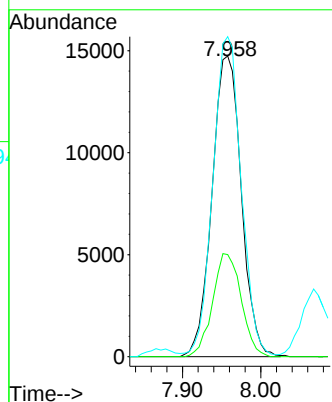
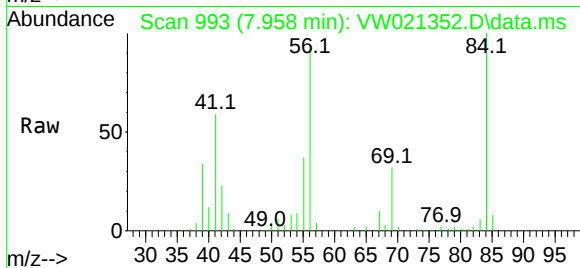
Tgt Ion: 56 Resp: 38332

Ion Ratio Lower Upper

56 100

69 33.3 23.5 35.3

84 103.2 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.753 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

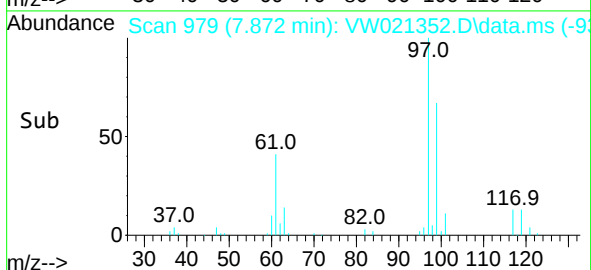
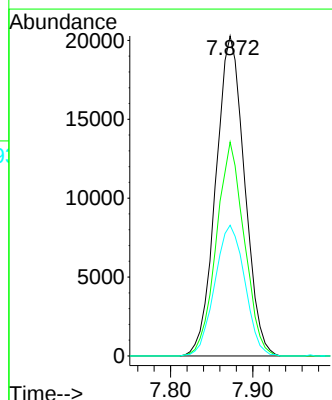
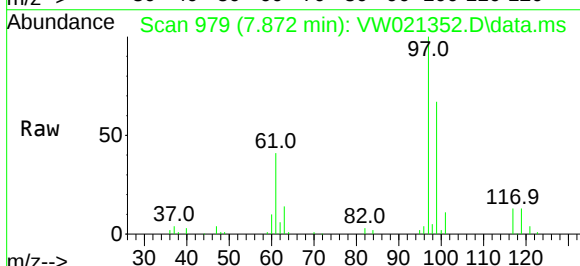
Tgt Ion: 97 Resp: 49242

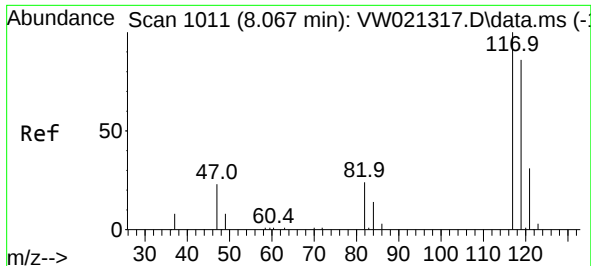
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

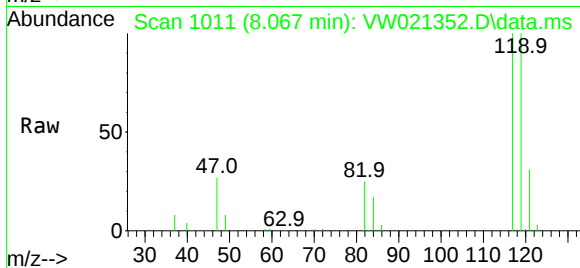
61 42.7 40.9 61.3



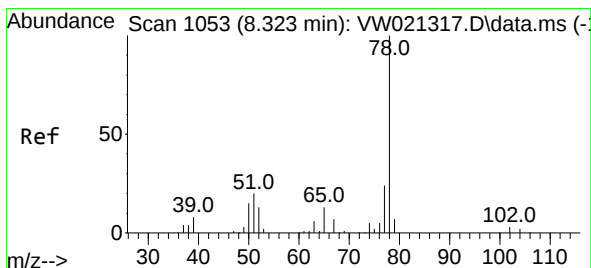
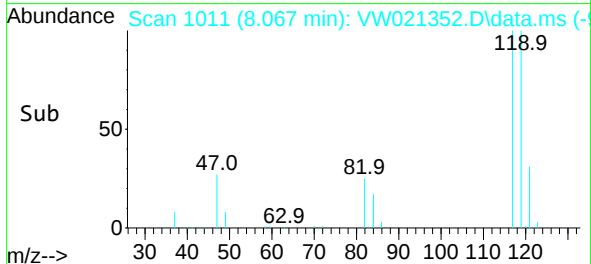
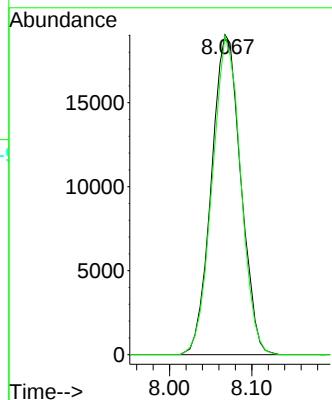


#31
Carbon tetrachloride
Concen: 25.746 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Instrument :
MSVOA_W
ClientSampleId :

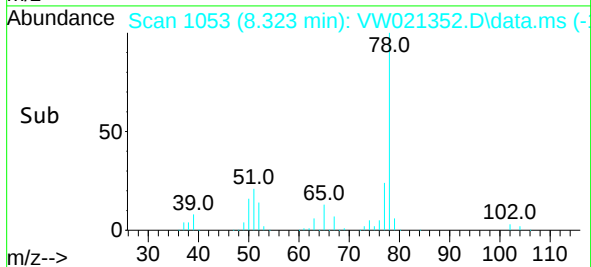
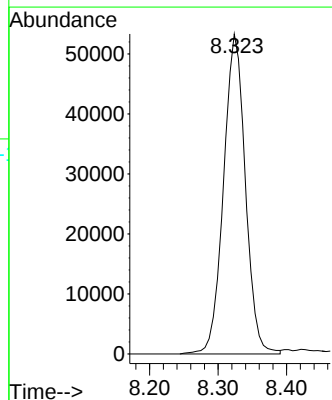
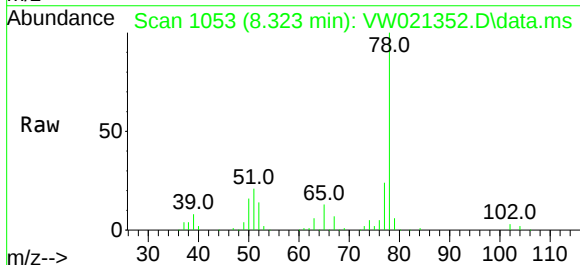


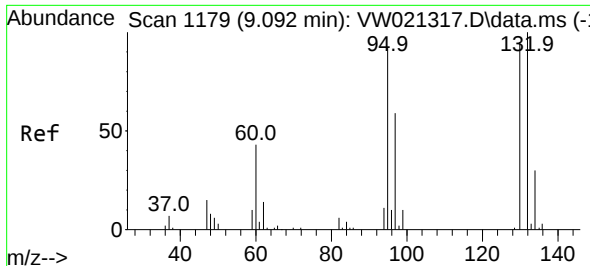
Tgt Ion:117 Resp: 47248
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 24.395 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

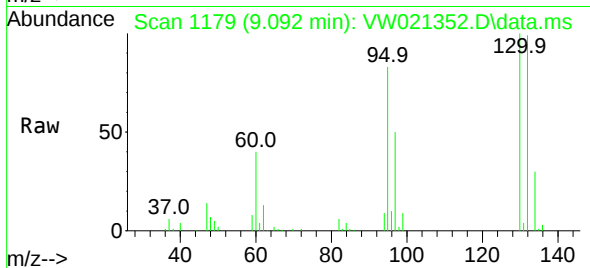
Tgt Ion: 78 Resp: 117830





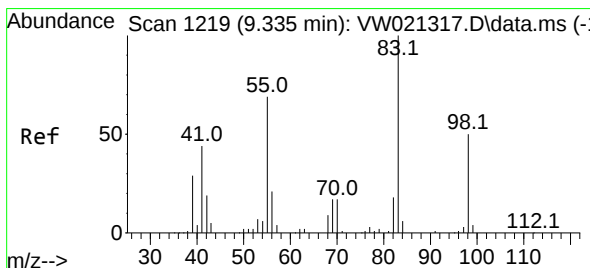
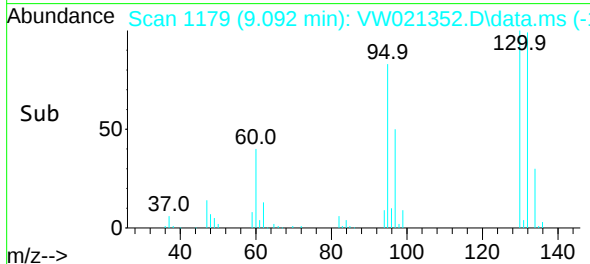
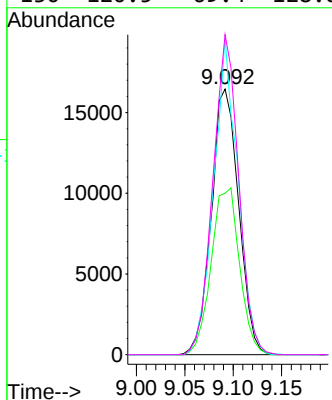
#34
Trichloroethene
Concen: 23.814 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 32288

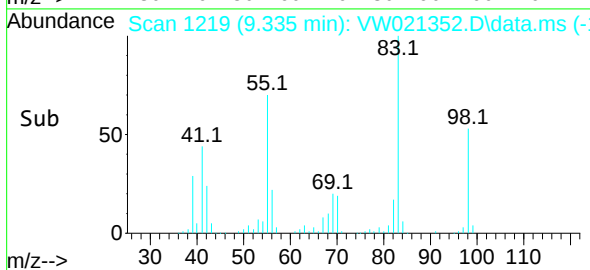
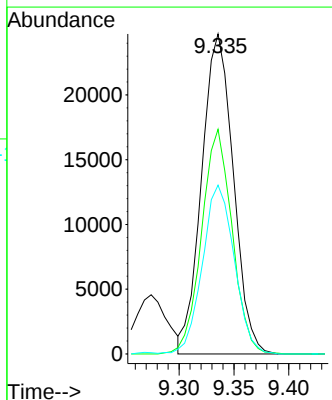
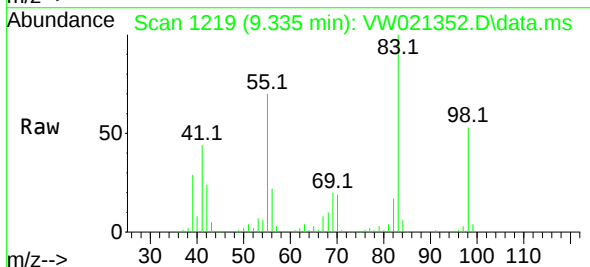
Ion	Ratio	Lower	Upper
95	100		
97	60.8	47.0	87.2
132	119.2	65.5	121.6
130	120.5	69.4	128.8

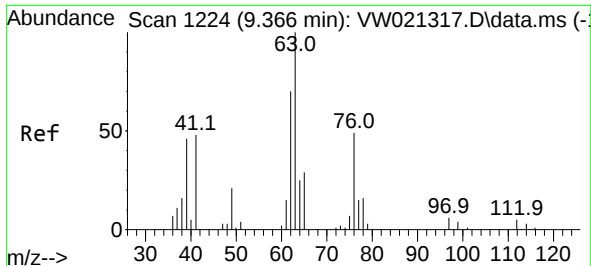


#35
Methylcyclohexane
Concen: 22.170 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion: 83 Resp: 49584

Ion	Ratio	Lower	Upper
83	100		
55	67.6	70.8	106.2#
98	53.2	37.7	56.5





#37

1,2-Dichloropropane

Concen: 25.035 ug/L

RT: 9.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

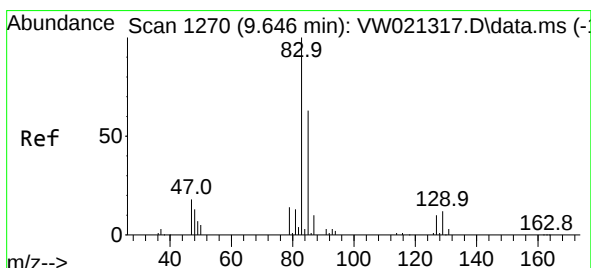
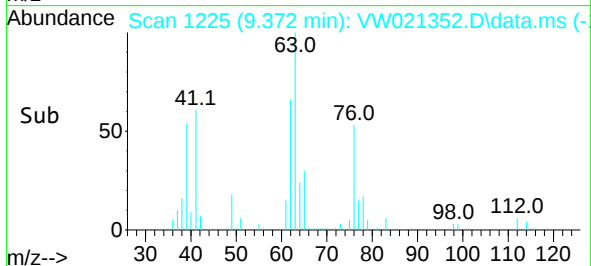
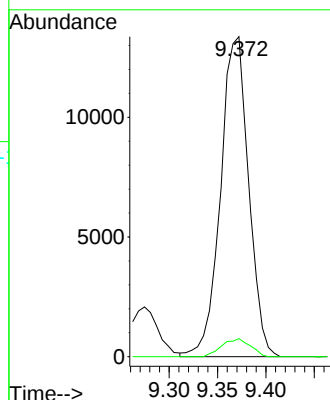
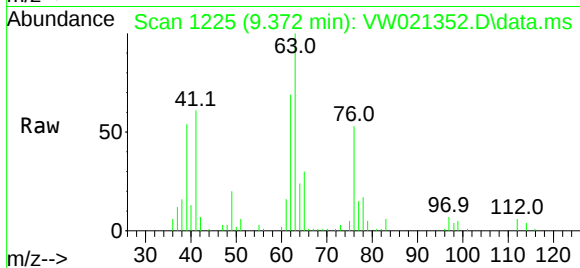
ClientSampleId :

Tgt Ion: 63 Resp: 26972

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 29.076 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

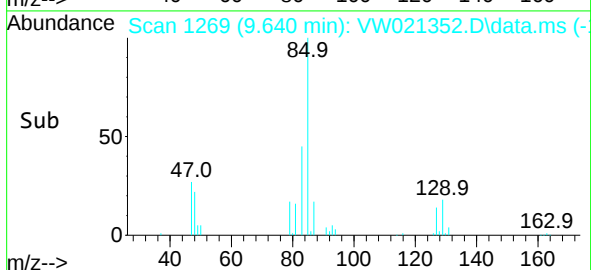
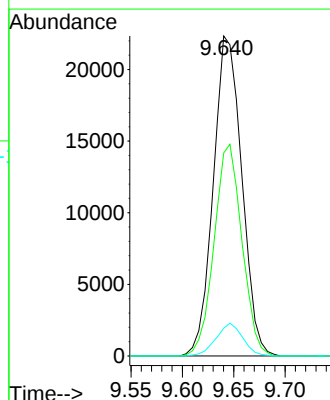
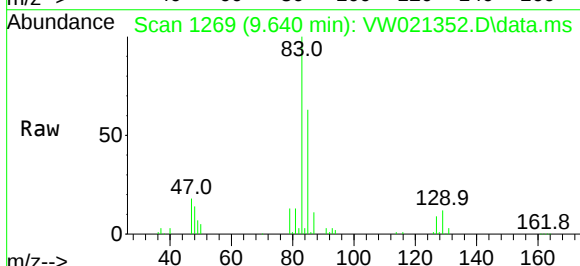
Tgt Ion: 83 Resp: 43071

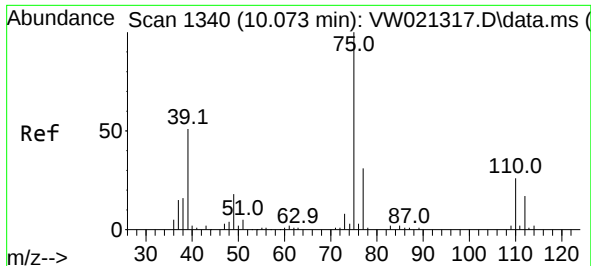
Ion Ratio Lower Upper

83 100

85 63.5 44.1 81.9

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.828 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

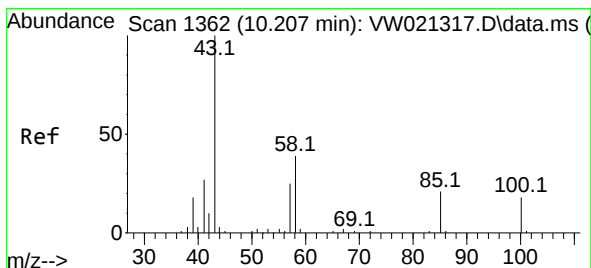
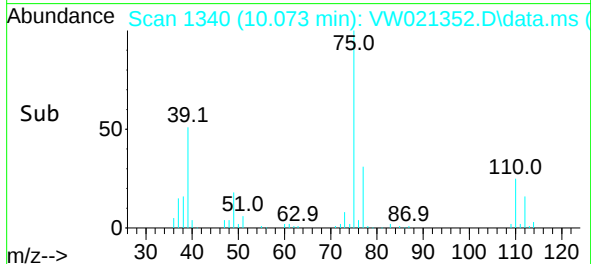
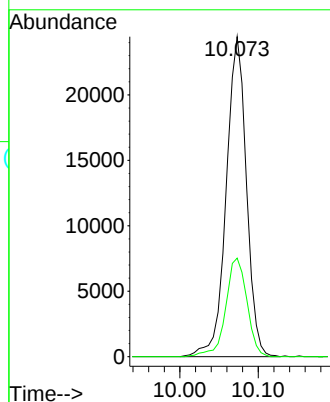
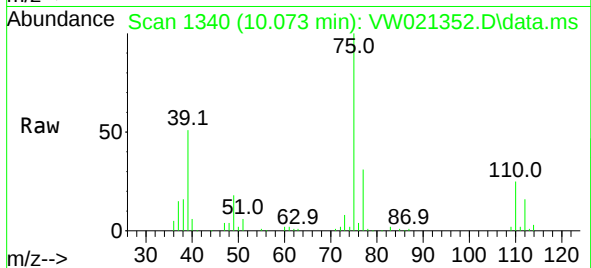
ClientSampleId :

Tgt Ion: 75 Resp: 43863

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.305 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

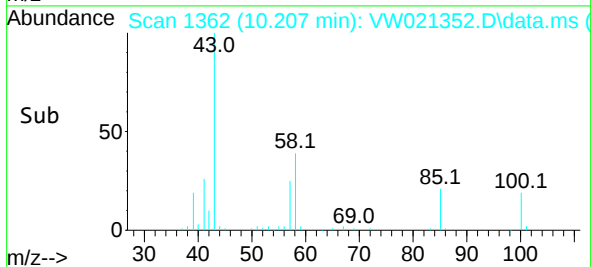
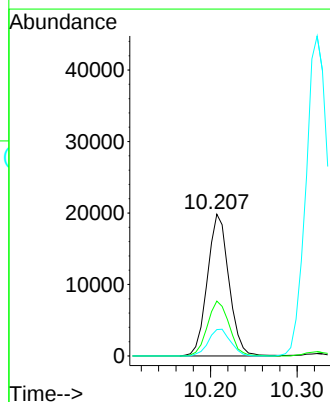
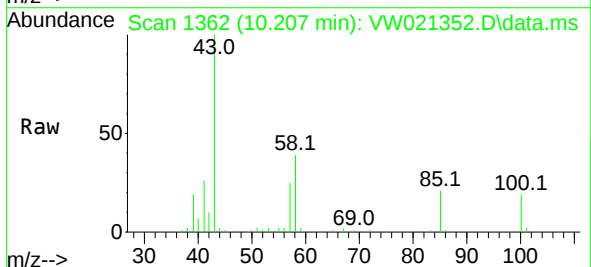
Tgt Ion: 43 Resp: 34227

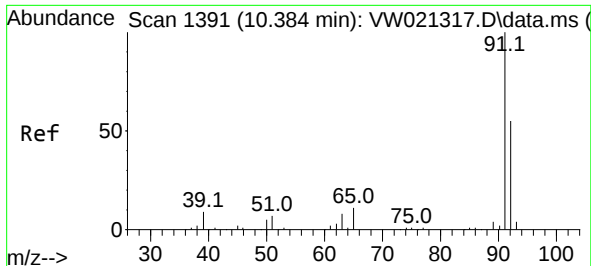
Ion Ratio Lower Upper

43 100

58 39.1 28.8 43.2

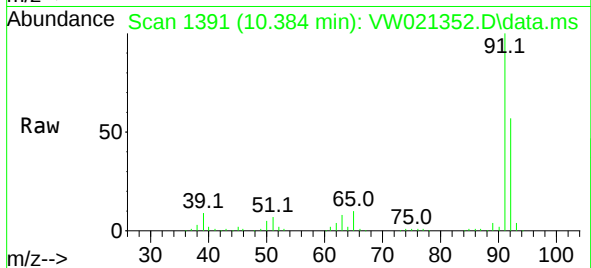
100 19.4 10.0 15.0



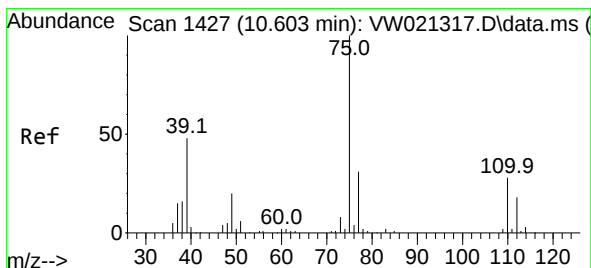
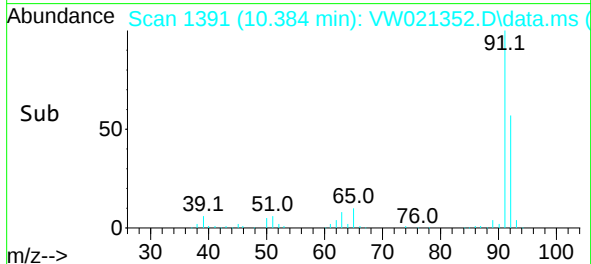
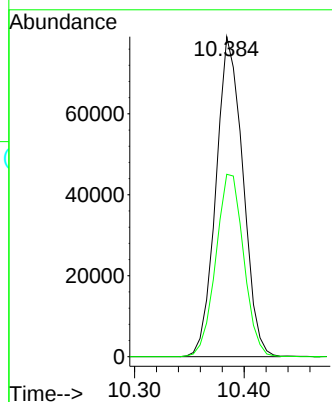


#42
Toluene
Concen: 23.894 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Instrument :
MSVOA_W
ClientSampleId :

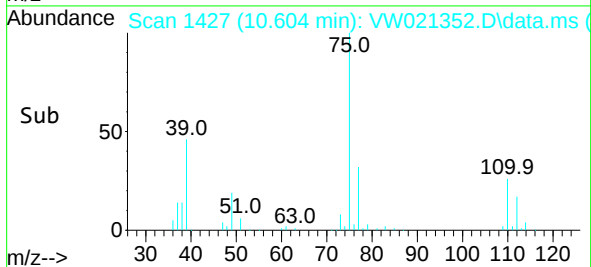
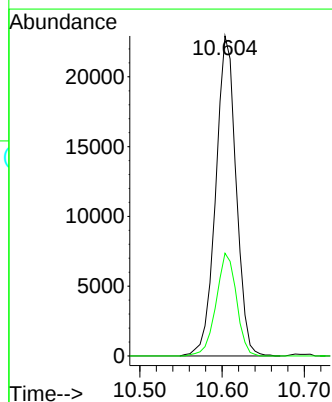
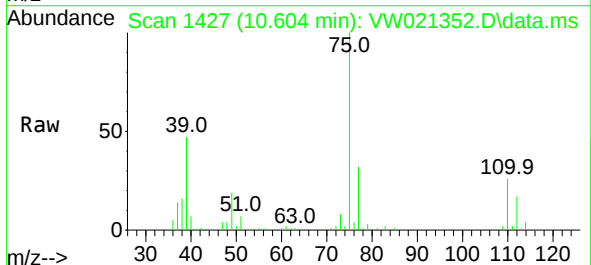


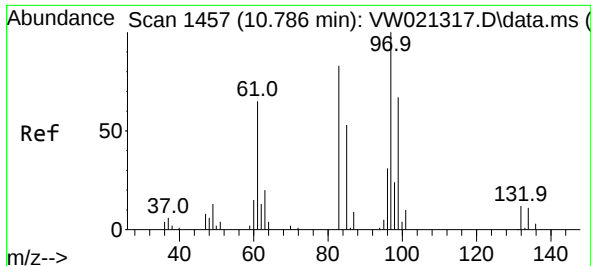
Tgt Ion: 91 Resp: 134973
Ion Ratio Lower Upper
91 100
92 57.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.546 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

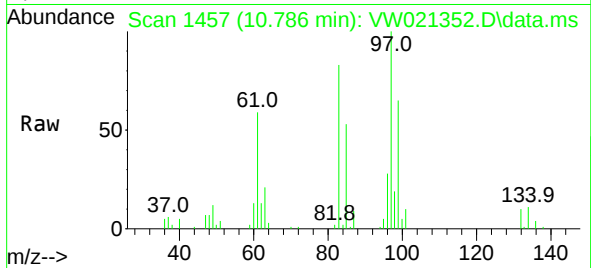
Tgt Ion: 75 Resp: 39487
Ion Ratio Lower Upper
75 100
77 32.1 22.2 41.2



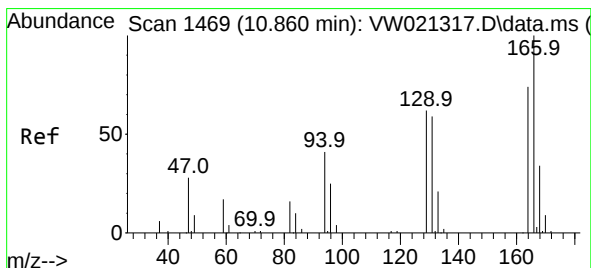
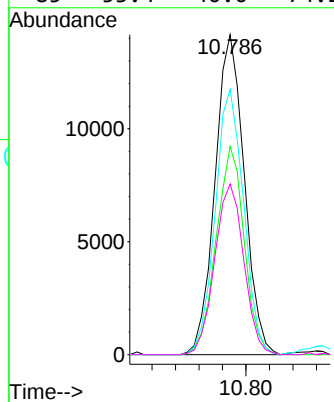
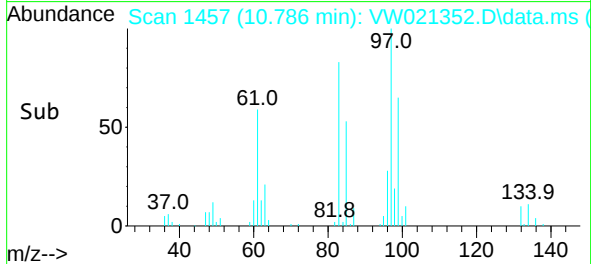


#45
1,1,2-Trichloroethane
Concen: 27.759 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

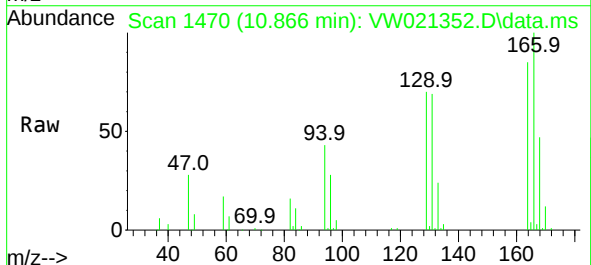
Instrument :
MSVOA_W
ClientSampleId :



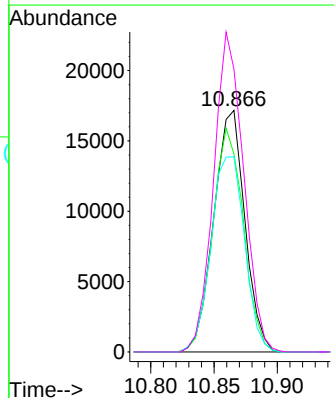
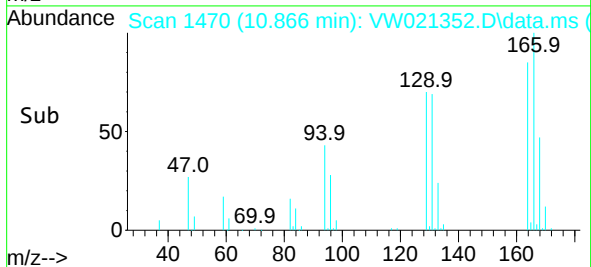
Tgt Ion:	97	Resp:	24478
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.0	79.8
83	82.9	62.6	116.3
85	53.4	40.0	74.2

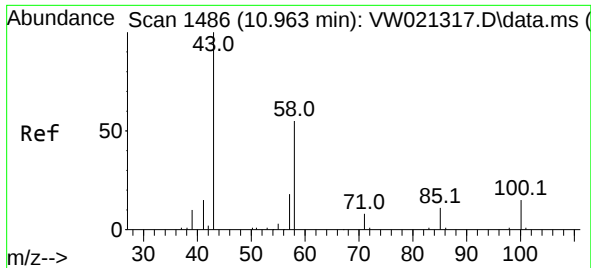


#46
Tetrachloroethene
Concen: 22.835 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34



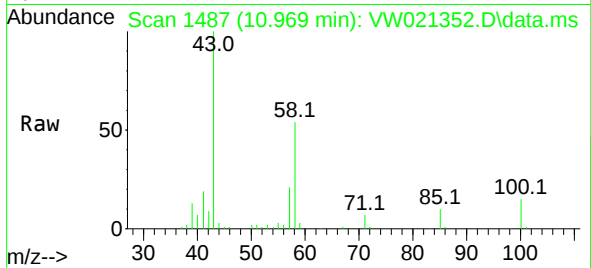
Tgt Ion:	164	Resp:	29412
Ion	Ratio	Lower	Upper
164	100		
129	82.0	65.5	121.7
131	80.7	59.7	110.9
166	117.1	88.7	164.7



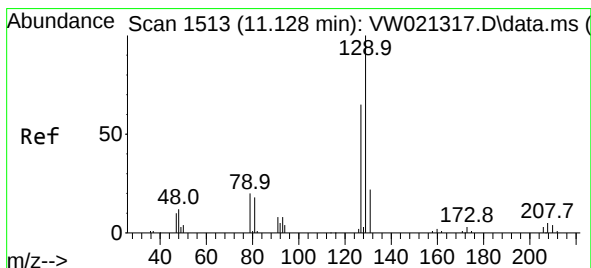
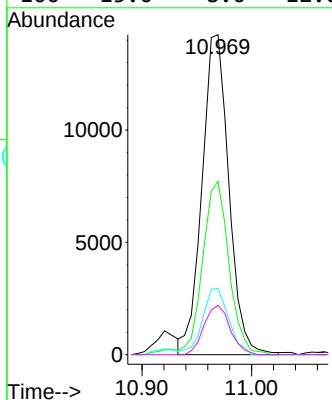
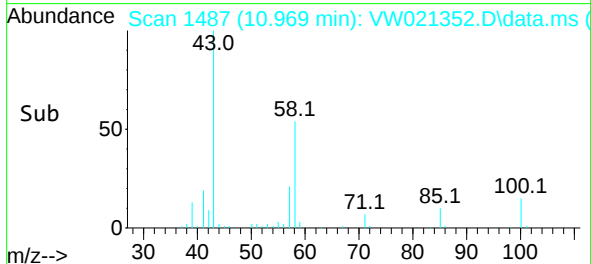


#48
2-Hexanone
Concen: 56.981 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Instrument :
MSVOA_W
ClientSampleId :

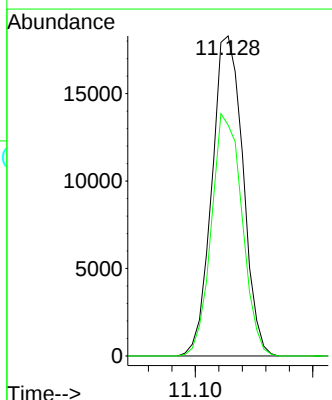
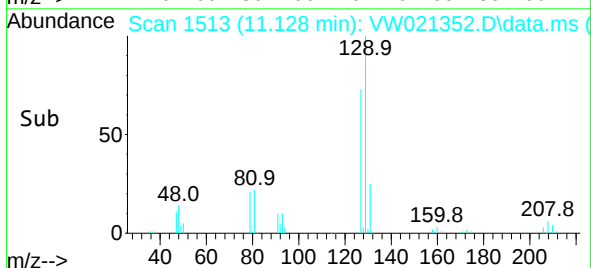
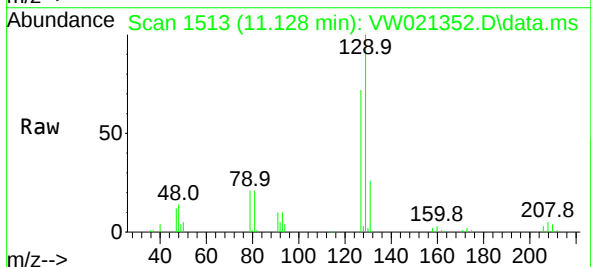


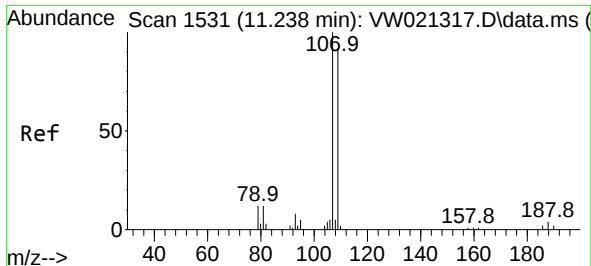
Tgt Ion: 43 Resp: 24257
Ion Ratio Lower Upper
43 100
58 50.9 40.2 60.2
57 20.2 14.3 21.5
100 15.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 30.885 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion: 129 Resp: 33574
Ion Ratio Lower Upper
129 100
127 72.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 27.445 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

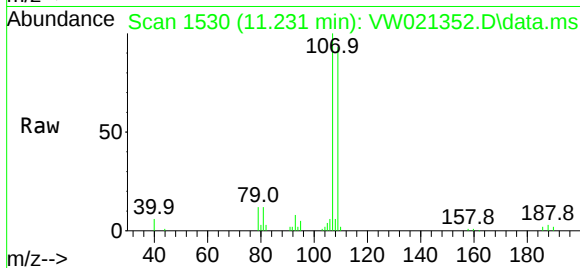
Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

ClientSampleId :



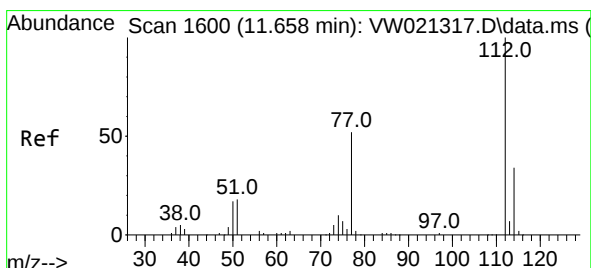
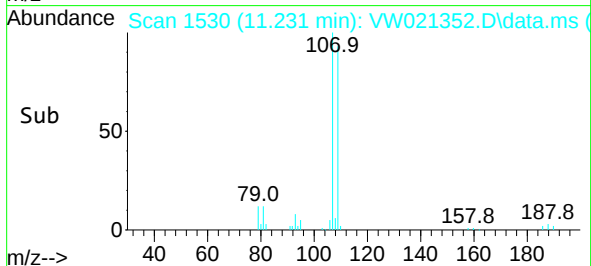
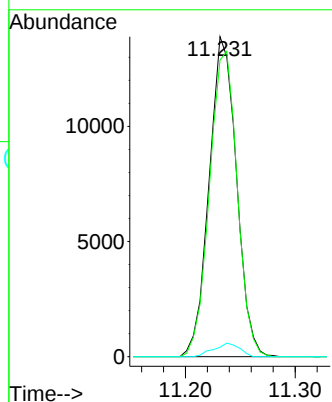
Tgt Ion:107 Resp: 24084

Ion Ratio Lower Upper

107 100

109 92.7 64.1 119.1

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 24.058 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

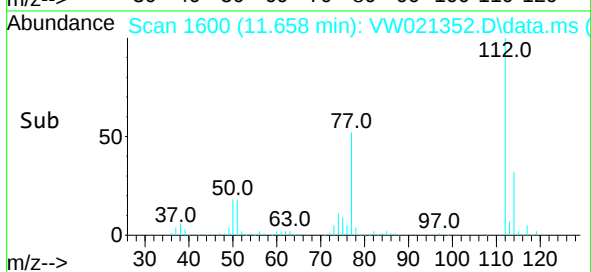
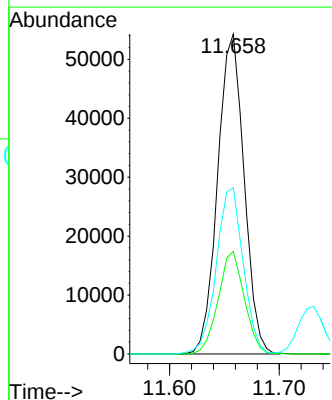
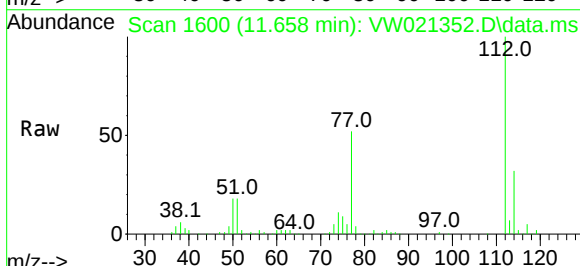
Tgt Ion:112 Resp: 90986

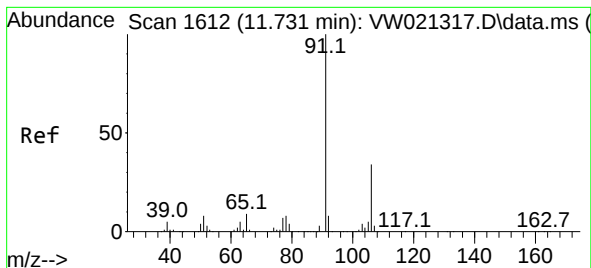
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 52.0 50.2 75.4

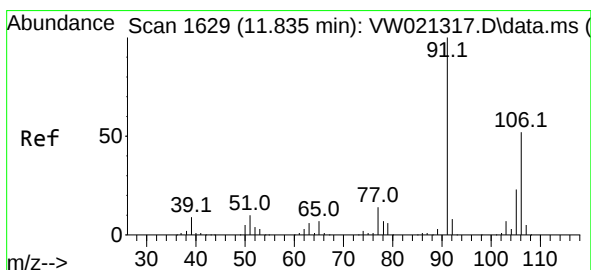
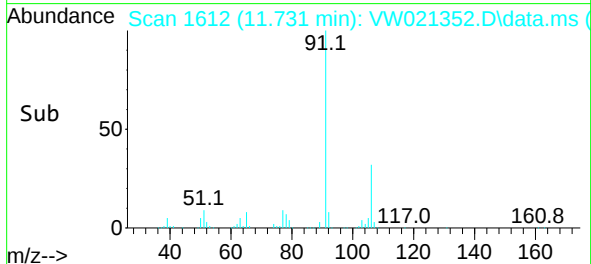
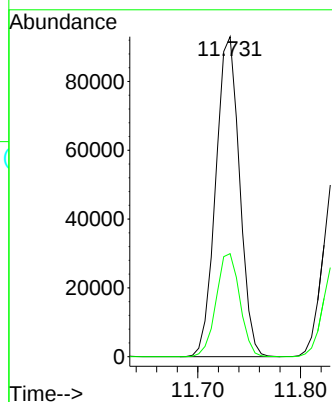
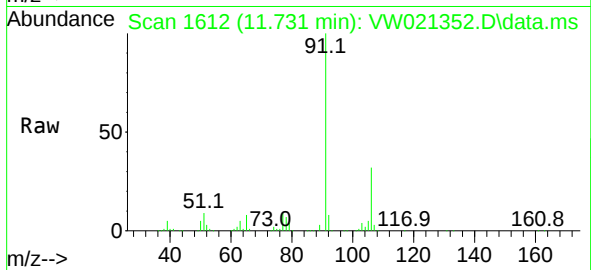




#52
Ethylbenzene
Concen: 23.134 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

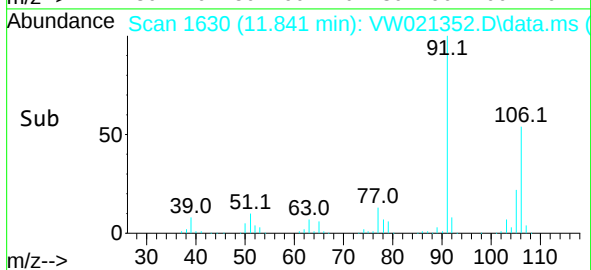
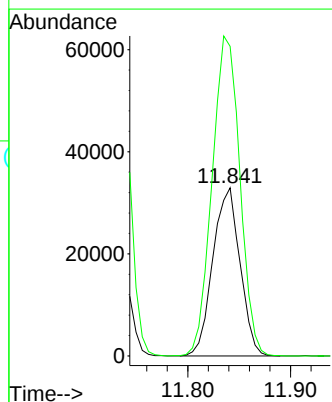
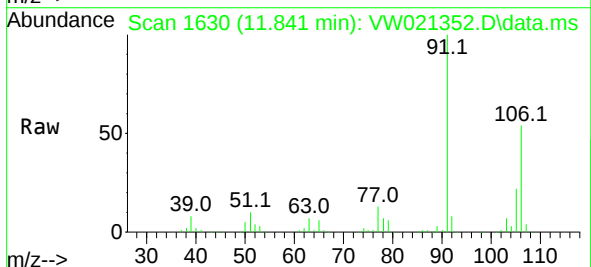
Instrument :
MSVOA_W
ClientSampleId :

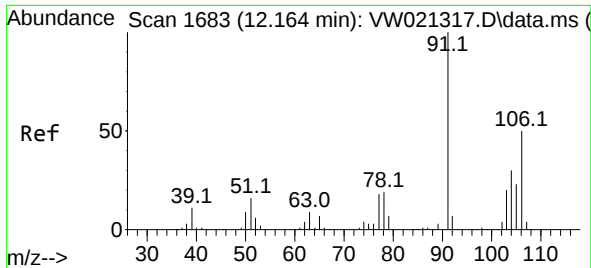
Tgt Ion: 91 Resp: 149335
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 23.159 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion:106 Resp: 60309
Ion Ratio Lower Upper
106 100
91 184.2 149.9 278.3

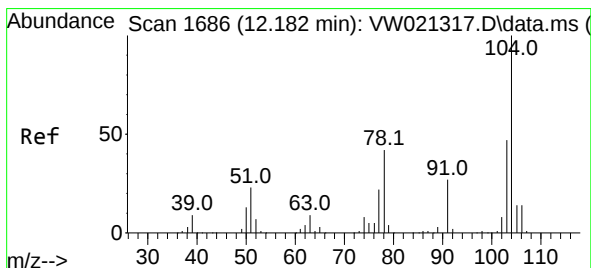
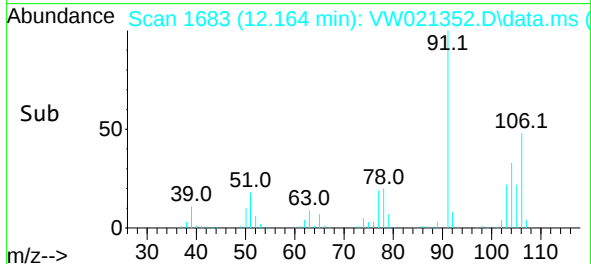
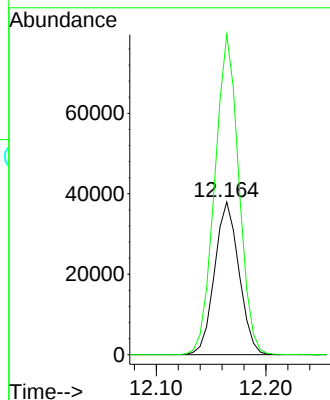
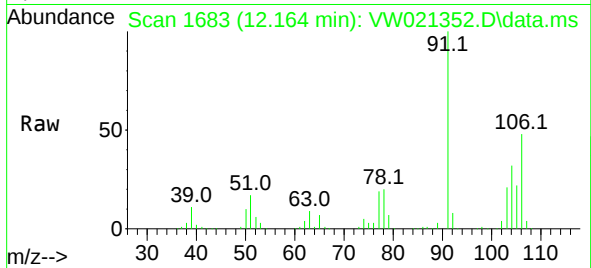




#54
o-Xylene
Concen: 23.737 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

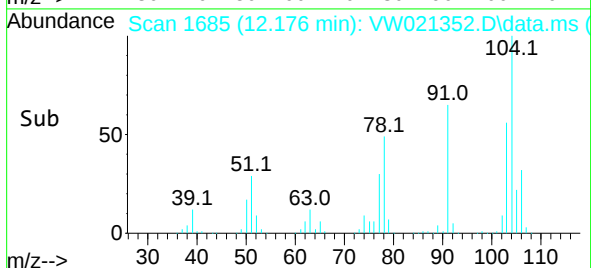
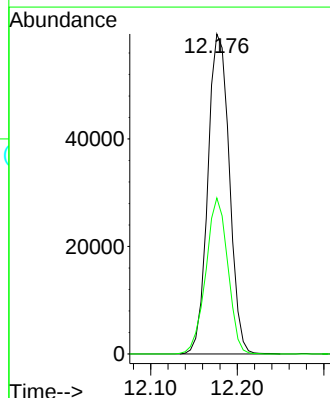
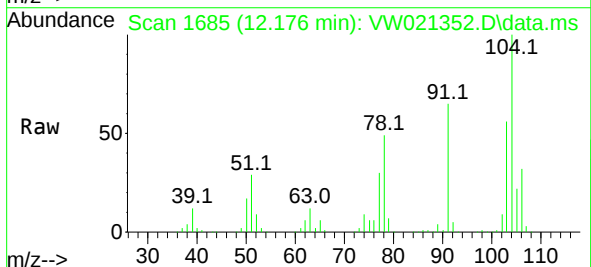
Instrument :
MSVOA_W
ClientSampleId :

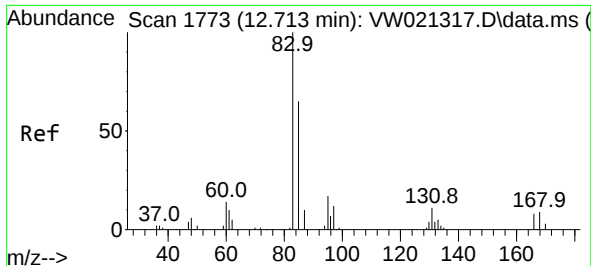
Tgt Ion:106 Resp: 58664
Ion Ratio Lower Upper
106 100
91 209.6 153.6 285.3



#55
Styrene
Concen: 24.378 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion:104 Resp: 102539
Ion Ratio Lower Upper
104 100
78 48.8 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.912 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021352.D

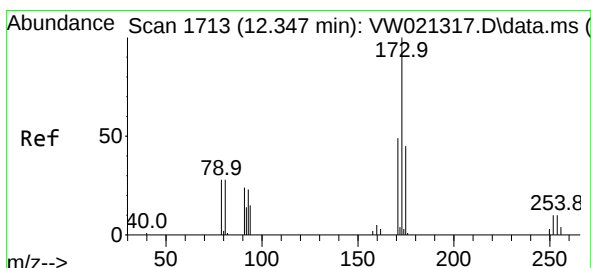
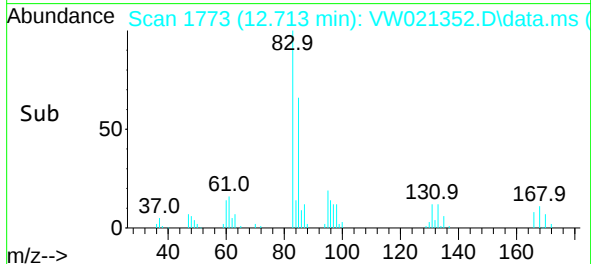
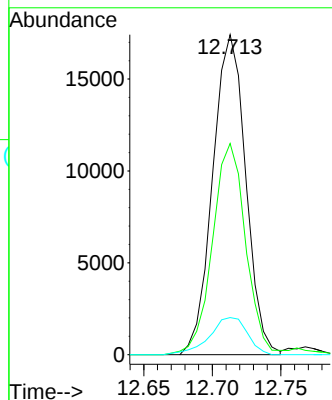
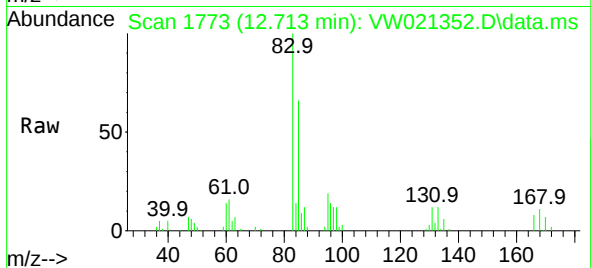
Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 29225
Ion Ratio	Lower Upper
83 100	
85 66.0	44.0 81.6
131 11.6	6.9 10.3#



#59

Bromoform

Concen: 34.744 ug/L

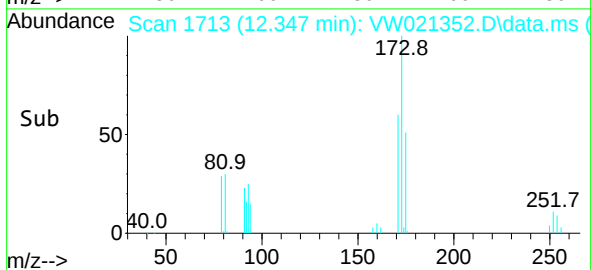
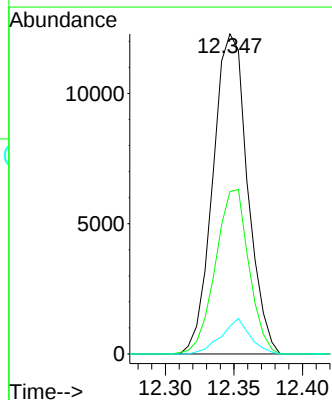
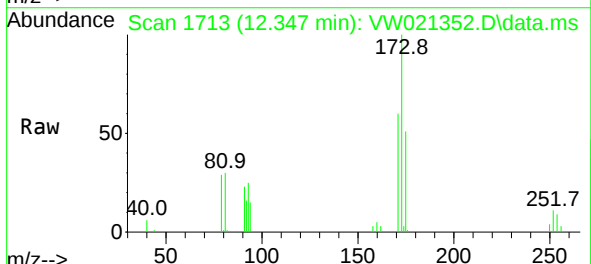
RT: 12.347 min Scan# 1713

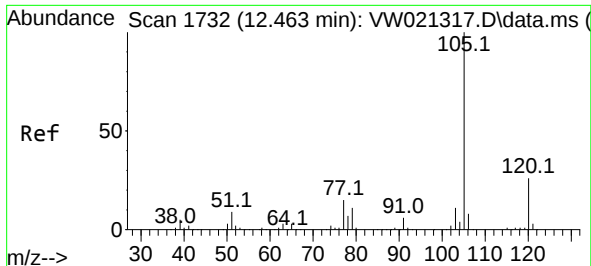
Delta R.T. -0.006 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Tgt Ion: 173	Resp: 21596
Ion Ratio	Lower Upper
173 100	
175 49.7	39.6 59.4
254 9.2	7.4 11.0

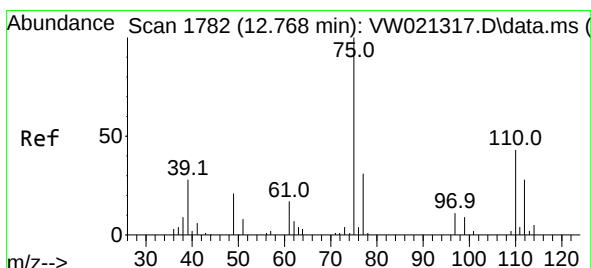
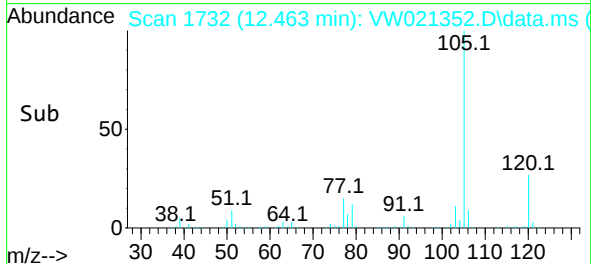
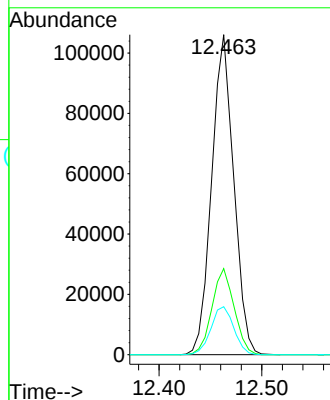
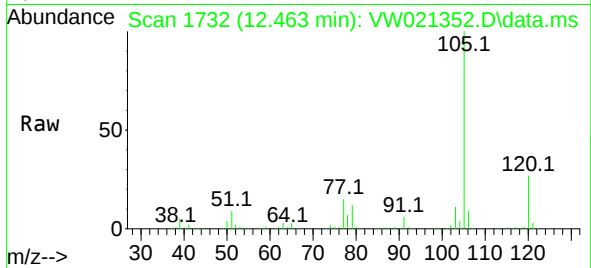




#60
Isopropylbenzene
Concen: 22.314 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

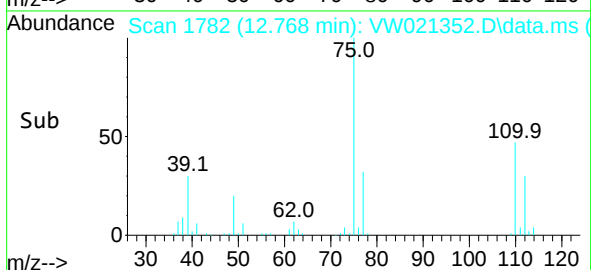
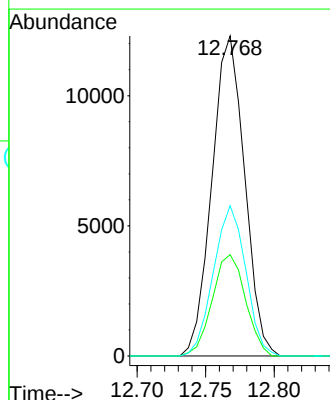
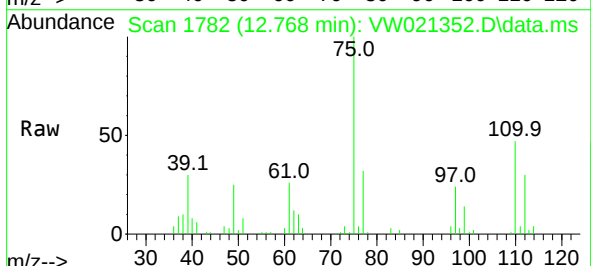
Instrument :
MSVOA_W
ClientSampleId :

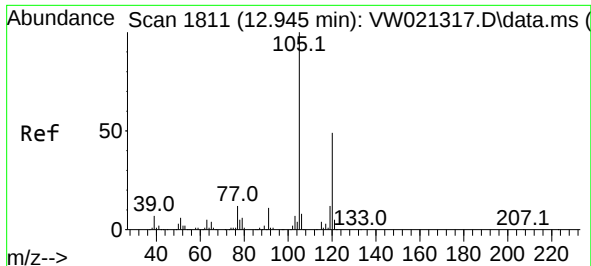
Tgt Ion:105 Resp: 158390
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.820 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion: 75 Resp: 20391
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 46.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.844 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

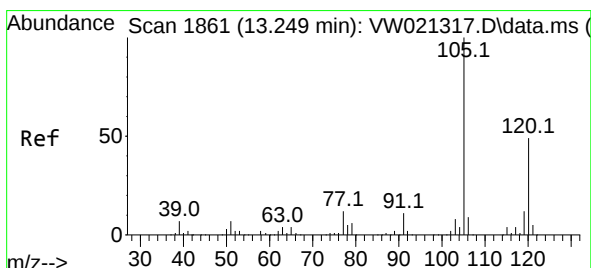
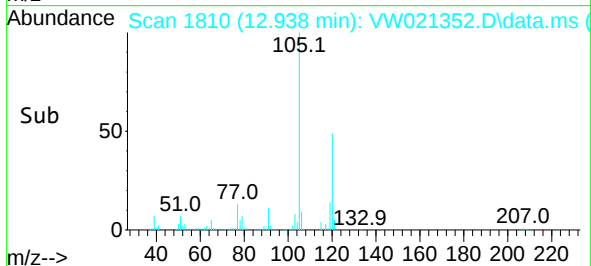
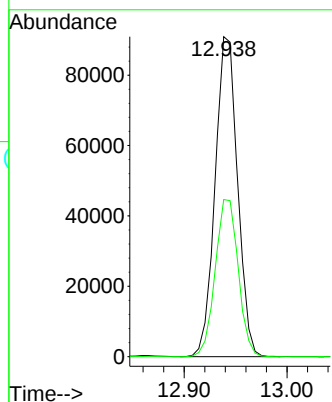
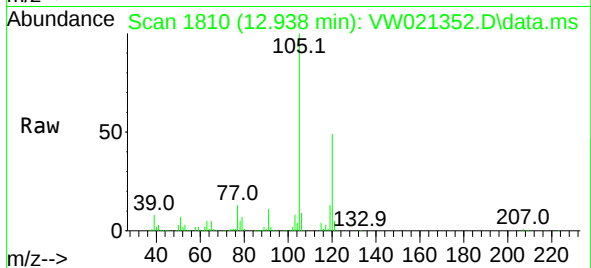
ClientSampleId :

Tgt Ion:105 Resp: 137987

Ion Ratio Lower Upper

105 100

120 50.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.441 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021352.D

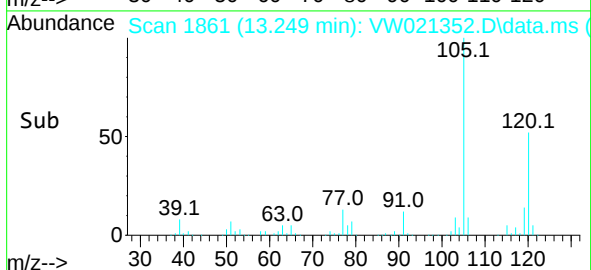
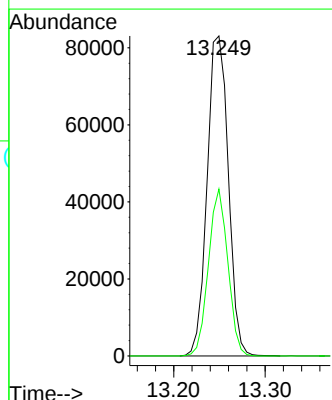
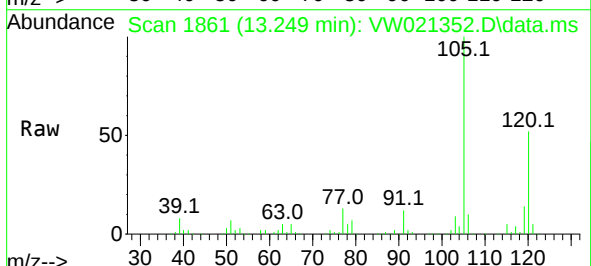
Acq: 12 Dec 2021 05:34

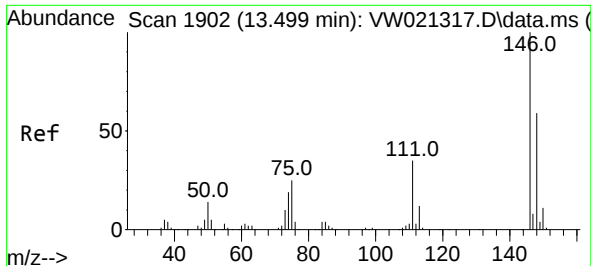
Tgt Ion:105 Resp: 133716

Ion Ratio Lower Upper

105 100

120 47.7 35.0 52.6

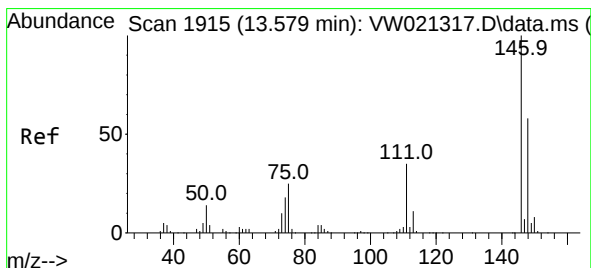
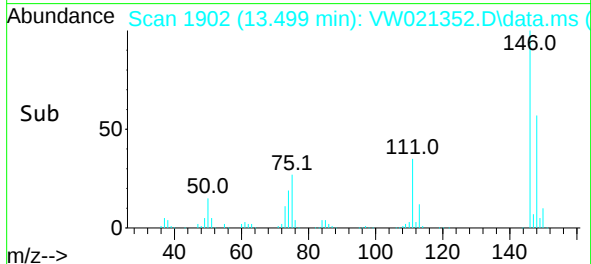
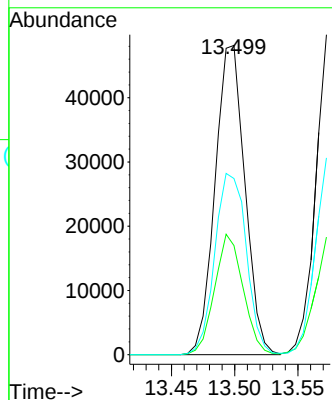
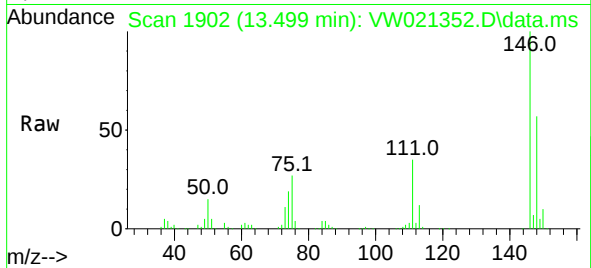




#64
1,3-Dichlorobenzene
Concen: 23.579 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

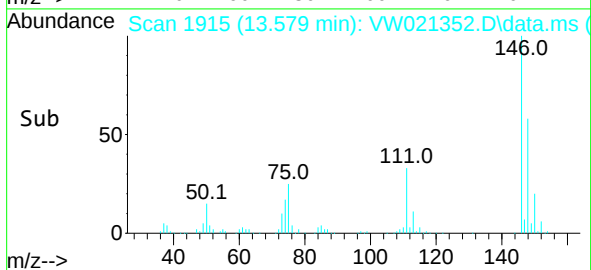
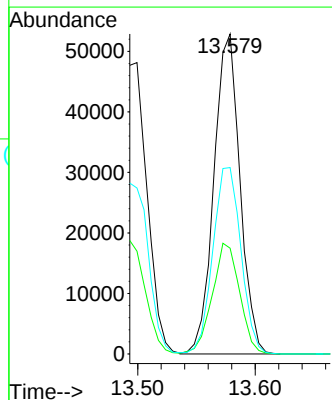
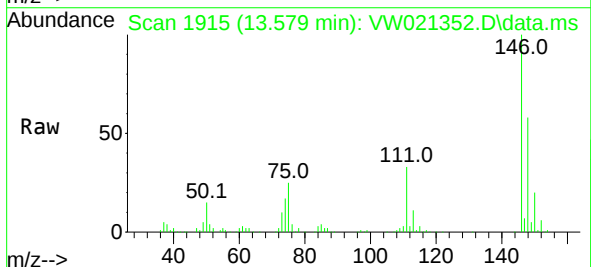
Instrument :
MSVOA_W
ClientSampleId :

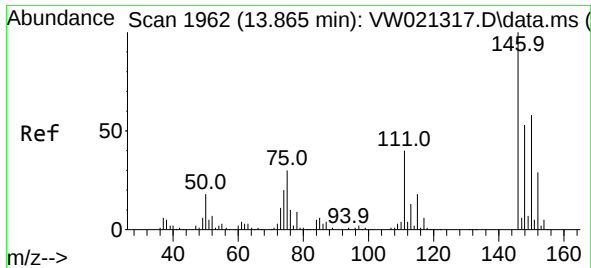
Tgt Ion:146 Resp: 78948
Ion Ratio Lower Upper
146 100
111 35.3 29.8 55.3
148 57.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.543 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion:146 Resp: 81642
Ion Ratio Lower Upper
146 100
111 33.1 29.0 53.9
148 58.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.879 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

Instrument :

MSVOA_W

ClientSampleId :

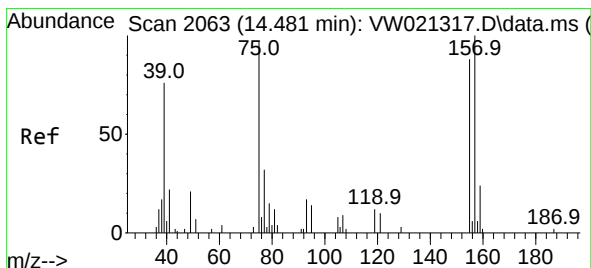
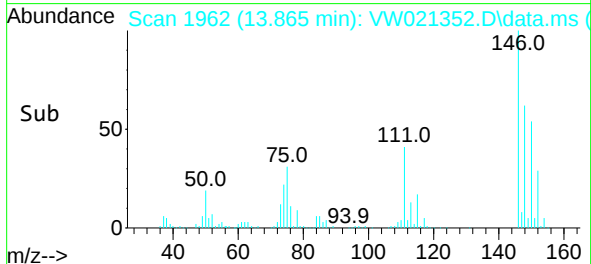
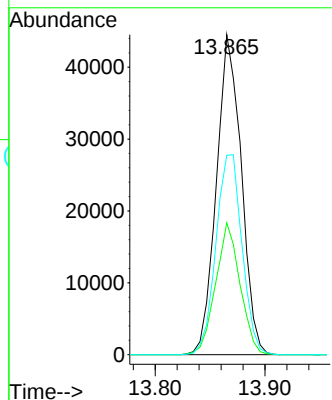
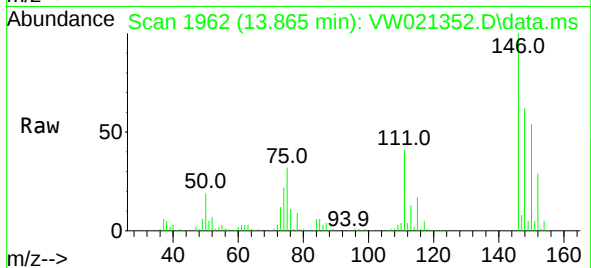
Tgt Ion:146 Resp: 70389

Ion Ratio Lower Upper

146 100

111 41.2 33.1 49.7

148 62.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 30.557 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021352.D

Acq: 12 Dec 2021 05:34

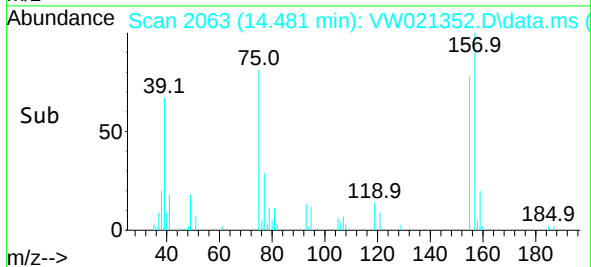
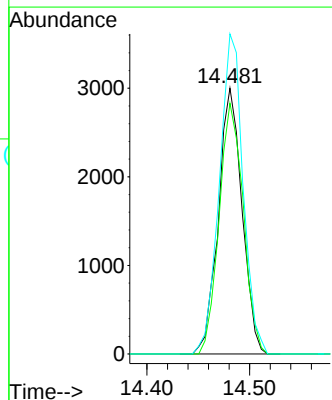
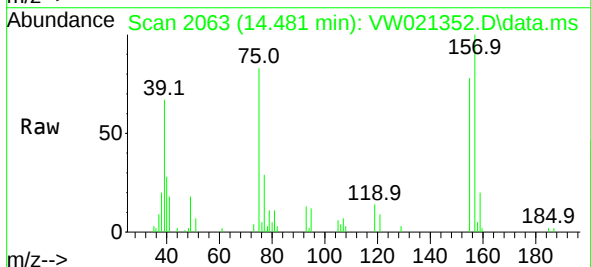
Tgt Ion: 75 Resp: 4792

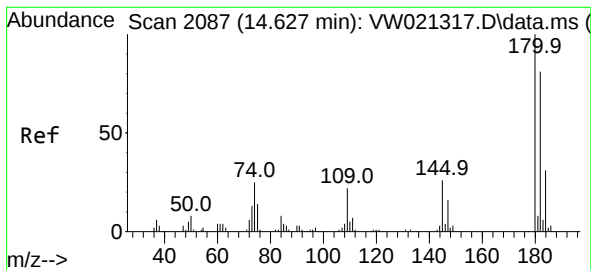
Ion Ratio Lower Upper

75 100

155 94.4 54.2 81.2#

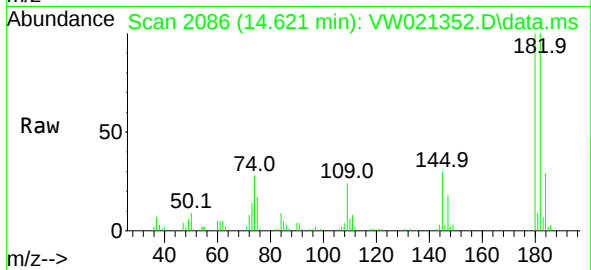
157 120.4 69.4 104.2#



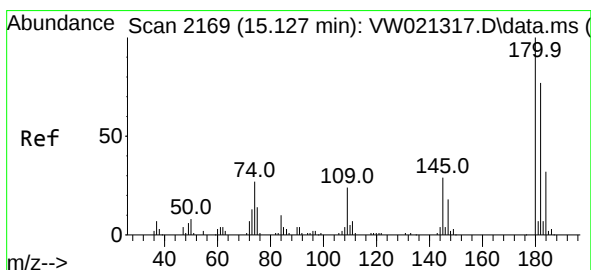
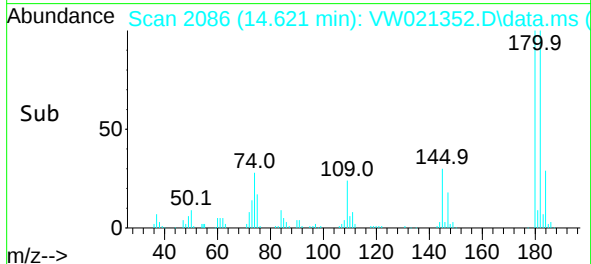
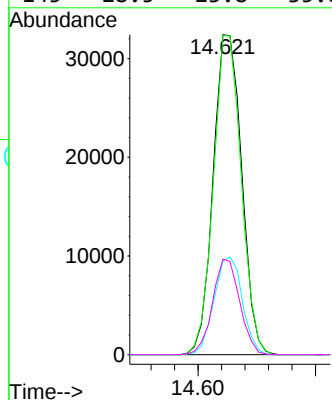


#69
1,3,5-Trichlorobenzene
Concen: 21.811 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Instrument :
MSVOA_W
ClientSampleId :

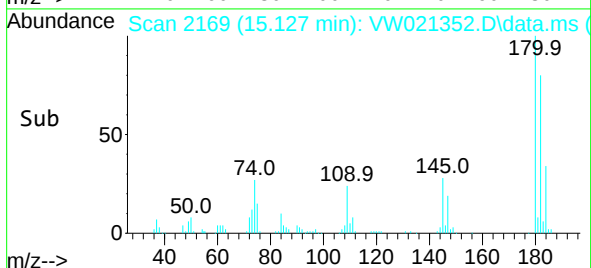
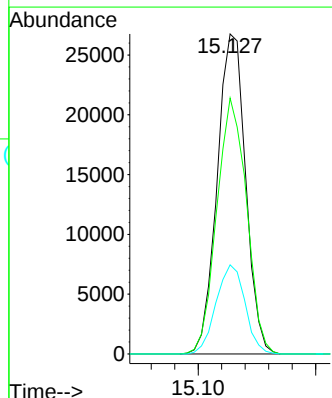
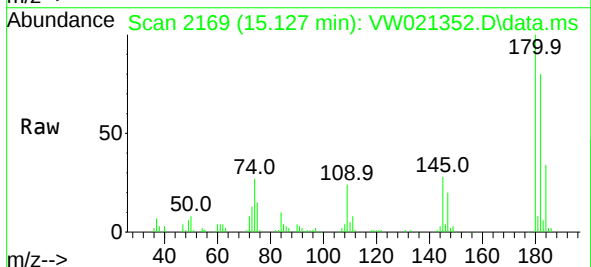


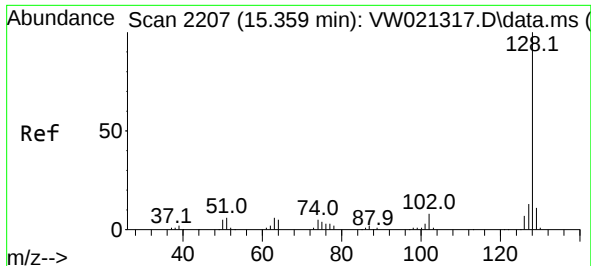
Tgt Ion:180 Resp: 54580
Ion Ratio Lower Upper
180 100
182 97.3 75.4 113.0
184 30.4 23.8 35.8
145 28.5 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 22.375 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

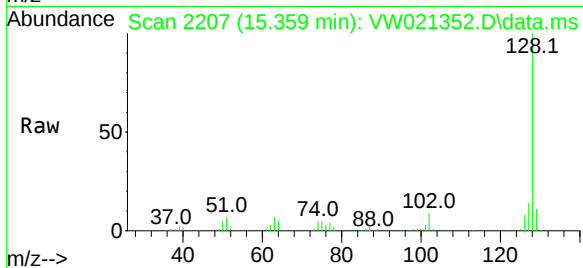
Tgt Ion:180 Resp: 45036
Ion Ratio Lower Upper
180 100
182 83.5 79.0 118.6
145 28.3 26.0 39.0



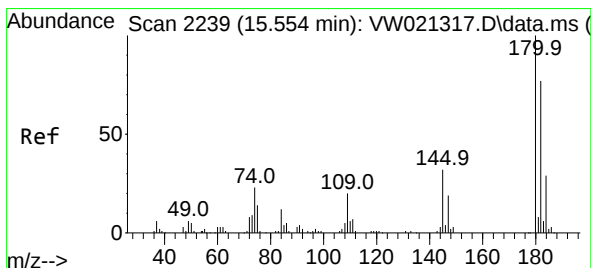
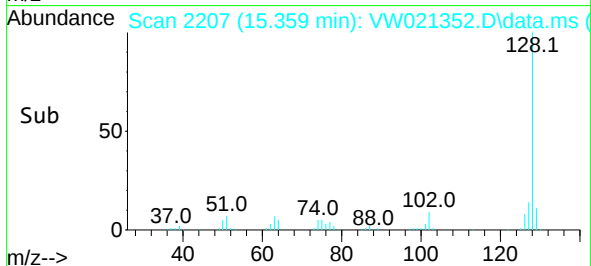
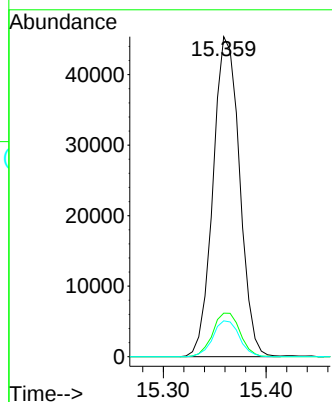


#71
Naphthalene
Concen: 24.872 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 81335
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.130 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW021352.D
Acq: 12 Dec 2021 05:34

Tgt Ion:180 Resp: 38475
Ion Ratio Lower Upper
180 100
182 99.9 76.6 114.8
145 31.2 27.4 41.0

