

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021058.D
 Acq On : 03 Dec 2021 11:20
 Operator : SY/VA
 Sample : VSTD2.525
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 18:34:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	115916	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	107945	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	3580	2.260	ug/L	0.00
7) Chloroethane-d5	2.879	69	2230	2.067	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	2707	1.068	ug/L	-0.01
21) 2-Butanone-d5	7.080	46	1645	4.513	ug/L	0.00
24) Chloroform-d	7.647	84	6768	2.364	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	3949	2.576	ug/L	0.00
32) Benzene-d6	8.275	84	13453	2.486	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	3838	2.560	ug/L	0.00
41) Toluene-d8	10.323	98	13691	2.485	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1523	2.210	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	1409	4.910	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	3474	2.515	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	5278	2.530	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	920	1.585	ug/L	98
3) Chloromethane	2.209	50	3330	2.670	ug/L	99
5) Vinyl chloride	2.361	62	5466	2.530	ug/L	97
6) Bromomethane	2.776	94	3588	2.438	ug/L	97
8) Chloroethane	2.916	64	2095	2.272	ug/L	90
9) Trichlorofluoromethane	3.257	101	2764	2.613	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	4289	2.651	ug/L	# 64
12) 1,1-Dichloroethene	4.044	96	3532	2.343	ug/L	# 63
13) Acetone	4.123	43	2360	7.045	ug/L	99
14) Carbon disulfide	4.379	76	9778	2.394	ug/L	99
15) Methyl Acetate	4.672	43	1663	2.817	ug/L	95
16) Methylene chloride	4.915	84	6739	3.798	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	3962	2.499	ug/L	80
18) Methyl tert-butyl Ether	5.421	73	3735	1.574	ug/L	# 75
19) 1,1-Dichloroethane	6.208	63	6391	2.548	ug/L	91
20) cis-1,2-Dichloroethene	7.165	96	4348	2.605	ug/L	72
22) 2-Butanone	7.177	43	2367	5.088	ug/L	# 71
23) Bromochloromethane	7.513	128	1976	2.537	ug/L	# 60
25) Chloroform	7.671	83	7310	2.618	ug/L	96
27) 1,2-Dichloroethane	8.397	62	4636	2.523	ug/L	99
29) Cyclohexane	7.951	56	5724	2.418	ug/L	# 83
30) 1,1,1-Trichloroethane	7.872	97	5977	2.371	ug/L	93
31) Carbon tetrachloride	8.061	117	5381	2.325	ug/L	98
33) Benzene	8.317	78	15868	2.600	ug/L	100
34) Trichloroethene	9.085	95	4167	2.467	ug/L	89
35) Methylcyclohexane	9.335	83	6852	2.407	ug/L	86
37) 1,2-Dichloropropane	9.366	63	3569	2.598	ug/L	99
38) Bromodichloromethane	9.646	83	4471	2.316	ug/L	# 92
39) cis-1,3-Dichloropropene	10.073	75	5076	2.288	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	5264	5.693	ug/L	# 94
42) Toluene	10.384	91	17064	2.472	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	4539	2.278	ug/L	93

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

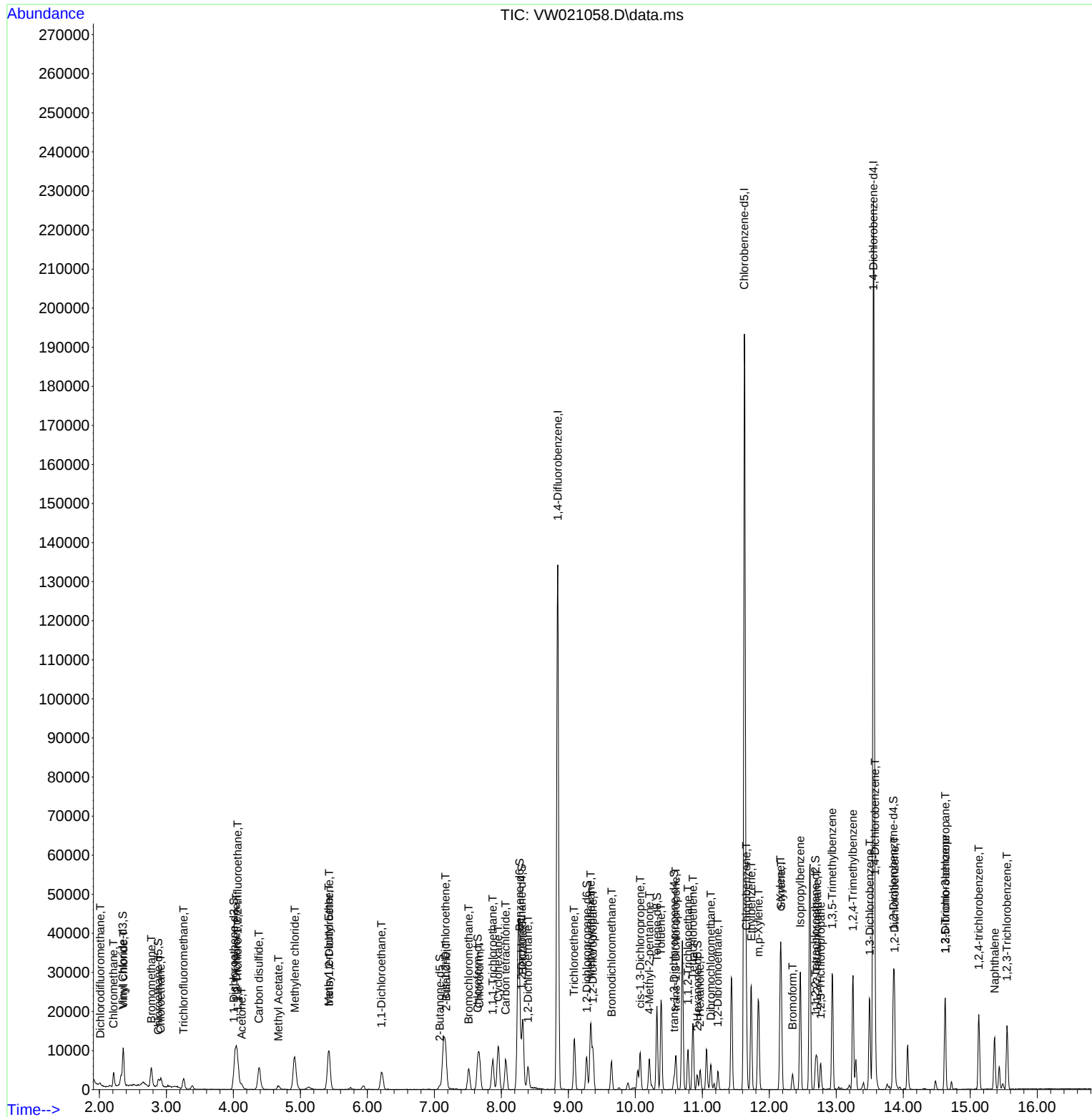
45) 1,1,2-Trichloroethane	10.786	97	2911	2.502	ug/L	94
46) Tetrachloroethene	10.860	164	3784	2.428	ug/L	94
48) 2-Hexanone	10.963	43	3439	5.161	ug/L #	98
49) Dibromochloromethane	11.128	129	3350	2.359	ug/L	89
50) 1,2-Dibromoethane	11.231	107	2842	2.436	ug/L	99
51) Chlorobenzene	11.658	112	11736	2.525	ug/L	90
52) Ethylbenzene	11.731	91	19016	2.431	ug/L	97
53) m,p-Xylene	11.841	106	7809	2.403	ug/L	77
54) o-Xylene	12.164	106	7146	2.366	ug/L	88
55) Styrene	12.176	104	11156	2.149	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	3279	2.381	ug/L #	94
59) Bromoform	12.347	173	1734	2.073	ug/L	93
60) Isopropylbenzene	12.463	105	19272	2.360	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	2568	2.622	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.938	105	15749	2.301	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	16235	2.354	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	9713	2.521	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	9846	2.561	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	8813	2.576	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.627	75	1218	5.680	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.627	180	7418	2.640	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	6187	2.696	ug/L	96
71) Naphthalene	15.365	128	11313	2.624	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	5529	2.730	ug/L	98

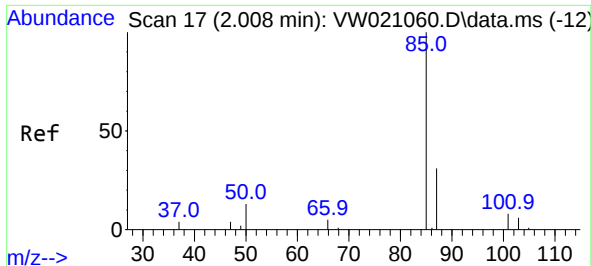
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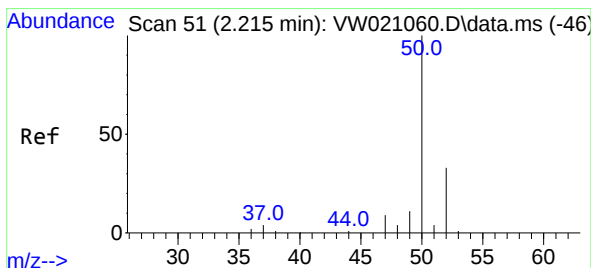
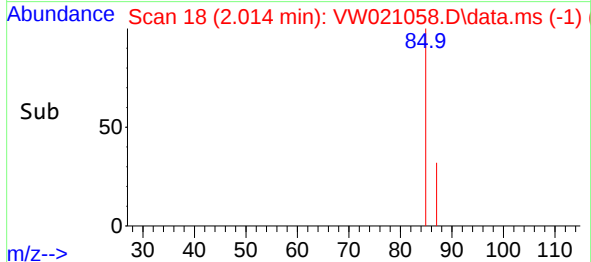
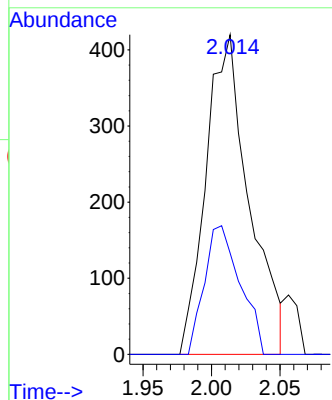
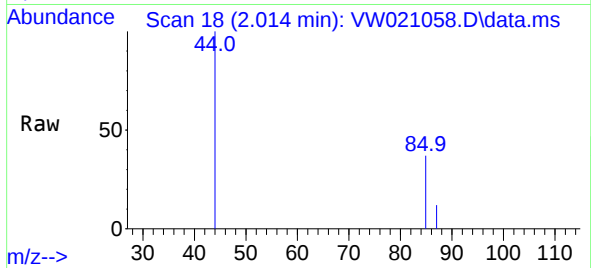




#2
 Dichlorodifluoromethane
 Concen: 1.585 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021058.D
 Acq: 03 Dec 2021 11:20

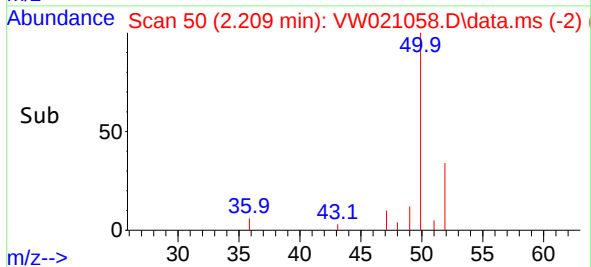
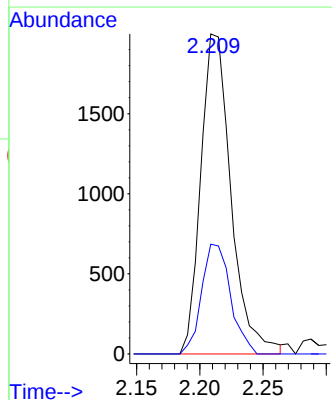
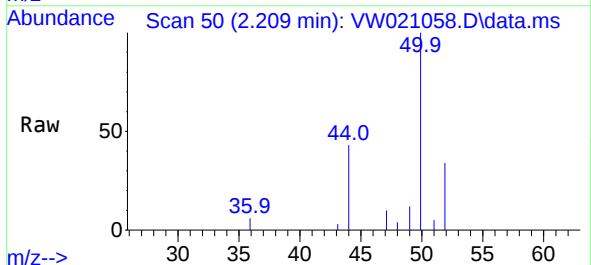
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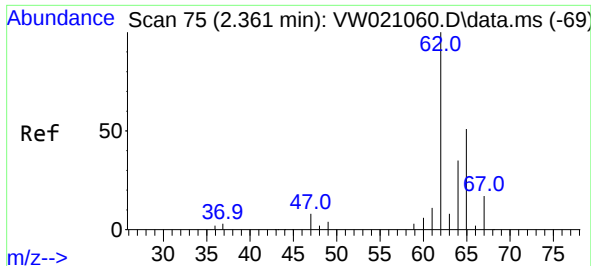
Tgt Ion: 85 Resp: 920
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.8 38.6



#3
 Chloromethane
 Concen: 2.670 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021058.D
 Acq: 03 Dec 2021 11:20

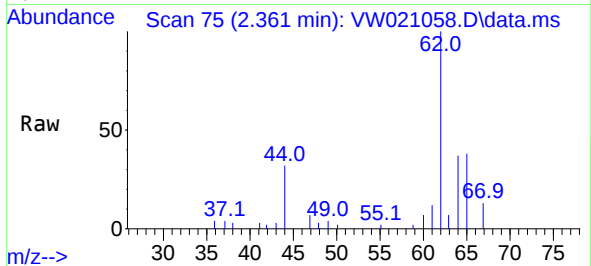
Tgt Ion: 50 Resp: 3330
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.6



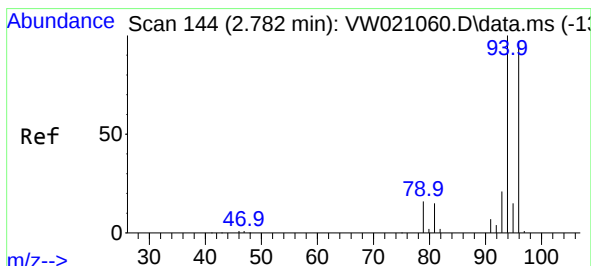
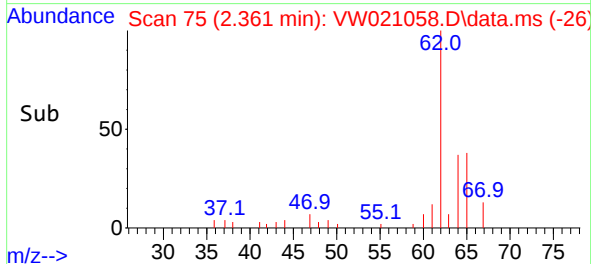
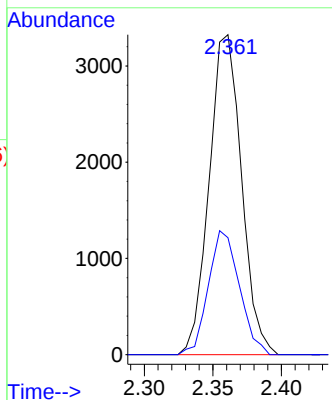


#5
 Vinyl chloride
 Concen: 2.530 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021058.D
 Acq: 03 Dec 2021 11:20

Instrument :
 MSVOA_W
 ClientSampleId :

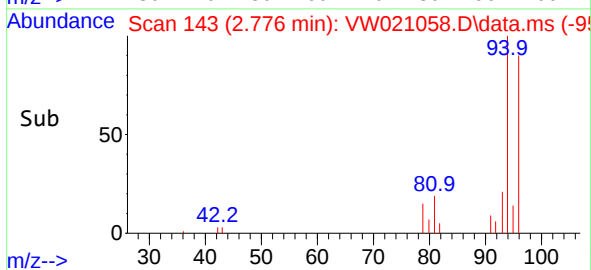
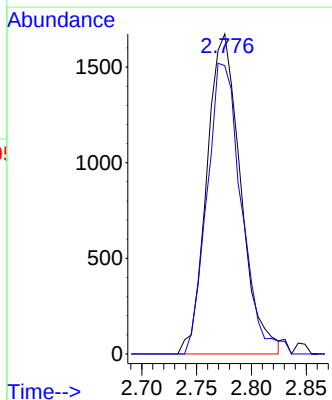
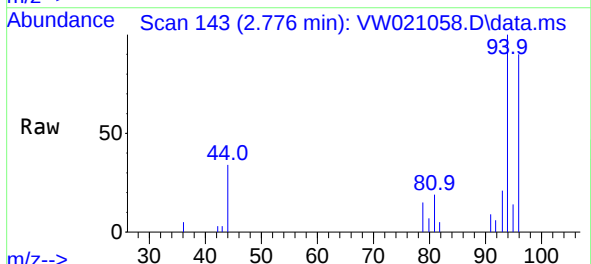


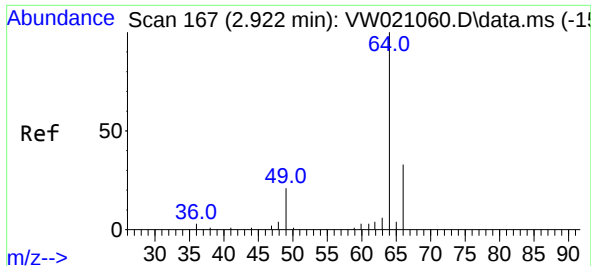
Tgt Ion: 62 Resp: 5466
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.4 45.2



#6
 Bromomethane
 Concen: 2.438 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021058.D
 Acq: 03 Dec 2021 11:20

Tgt Ion: 94 Resp: 3588
 Ion Ratio Lower Upper
 94 100
 96 90.1 64.8 120.4

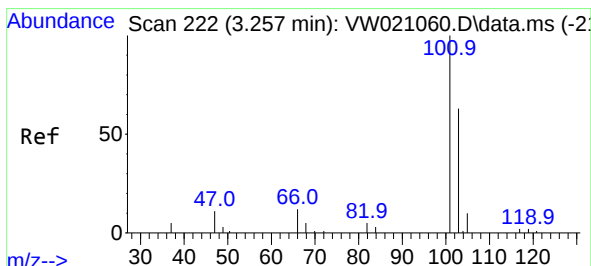
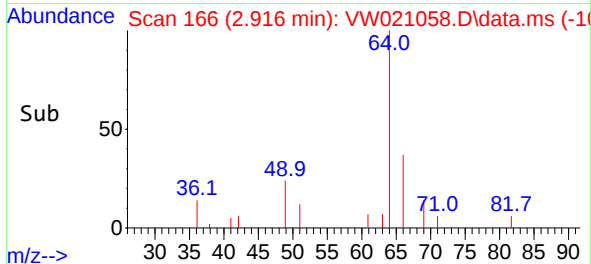
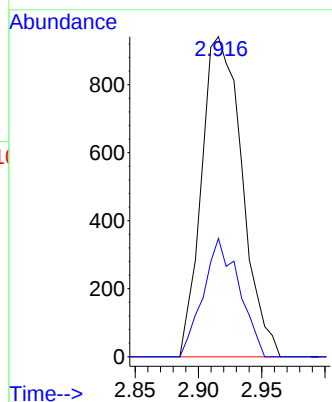
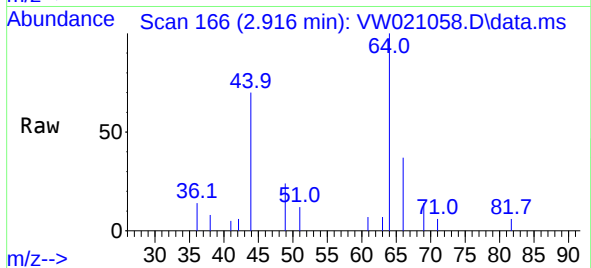




#8
Chloroethane
Concen: 2.272 ug/L
RT: 2.916 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

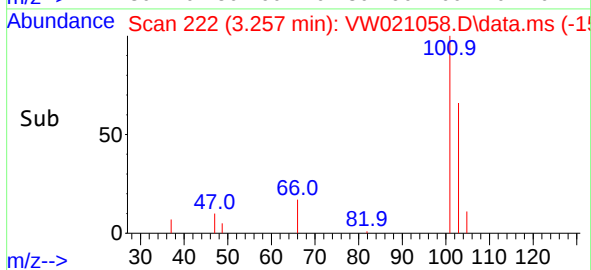
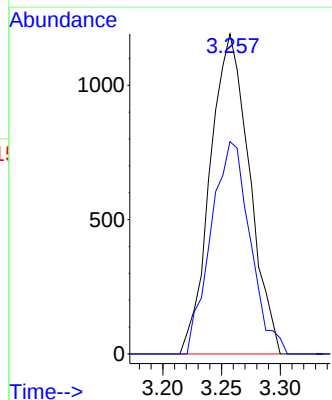
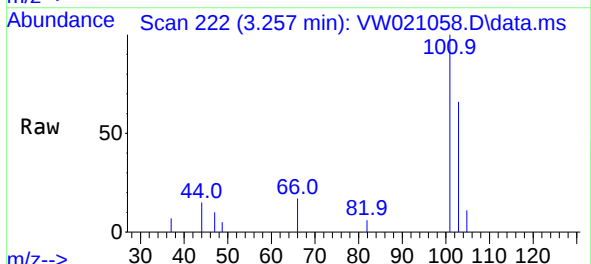
Instrument :
MSVOA_W
ClientSampleId :

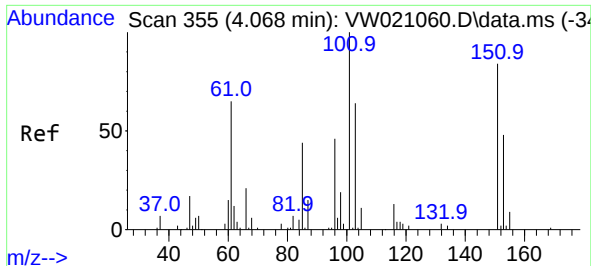
Tgt Ion: 64 Resp: 2095
Ion Ratio Lower Upper
64 100
66 37.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 2.613 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 101 Resp: 2764
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

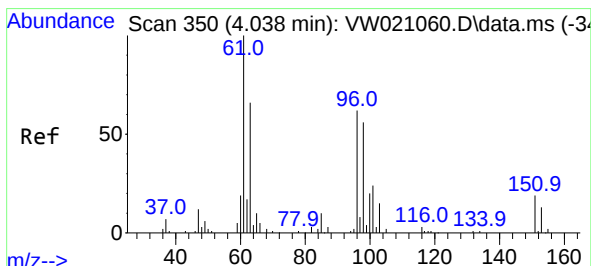
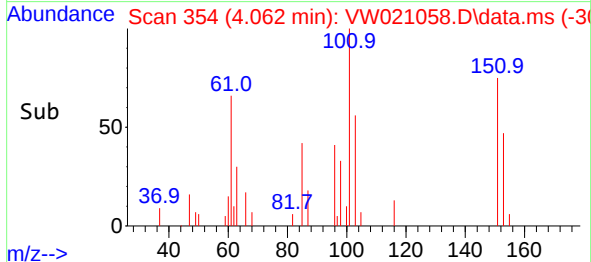
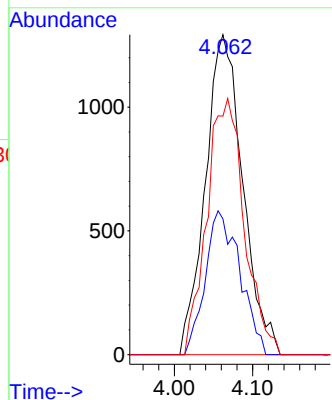
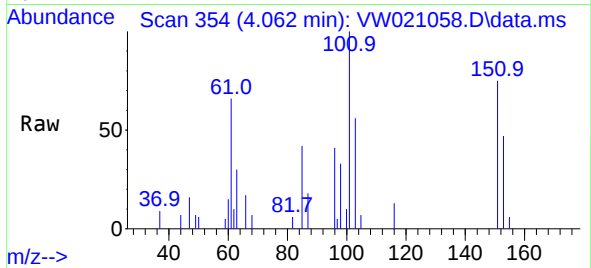




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.651 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

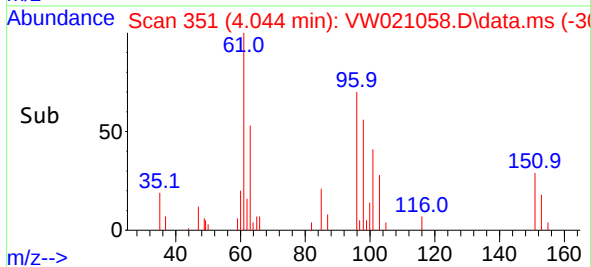
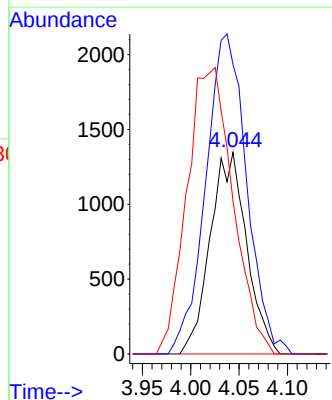
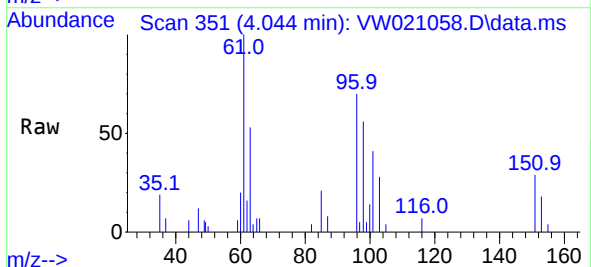
Instrument :
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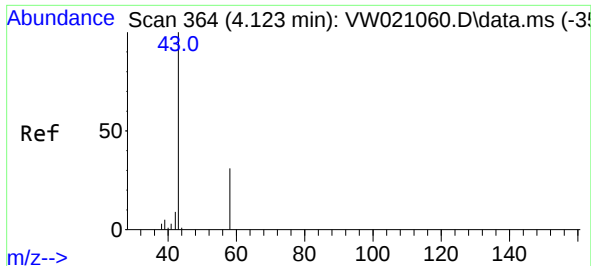
Tgt Ion:101 Resp: 4289
Ion Ratio Lower Upper
101 100
85 26.6 36.6 54.8#
151 38.7 57.4 86.0#



#12
1,1-Dichloroethene
Concen: 2.343 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

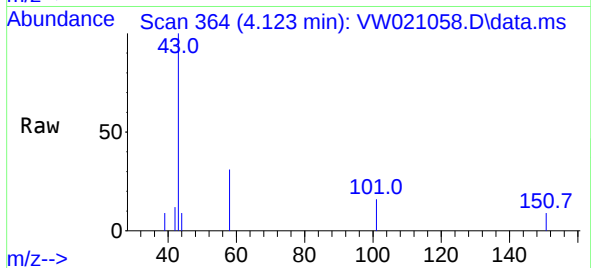
Tgt Ion: 96 Resp: 3532
Ion Ratio Lower Upper
96 100
61 143.6 138.3 256.9
63 75.9 82.6 153.4#



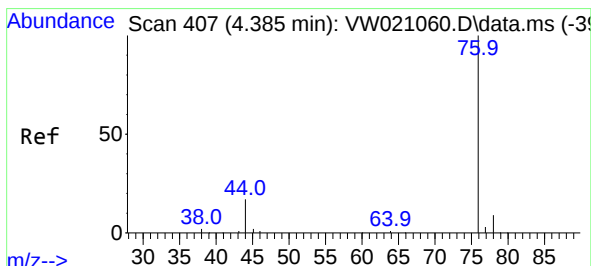
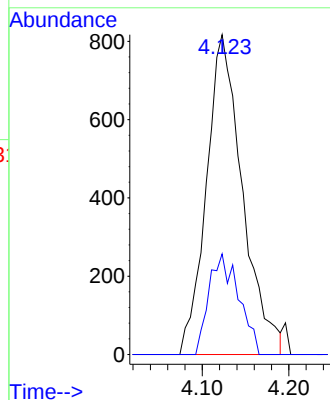
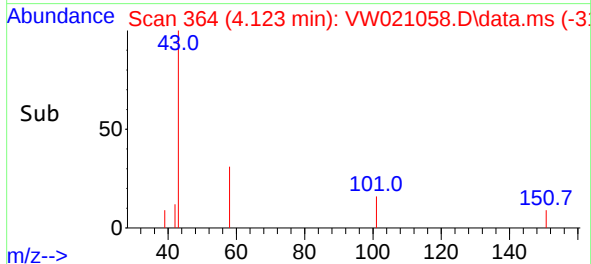


#13
Acetone
Concen: 7.045 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
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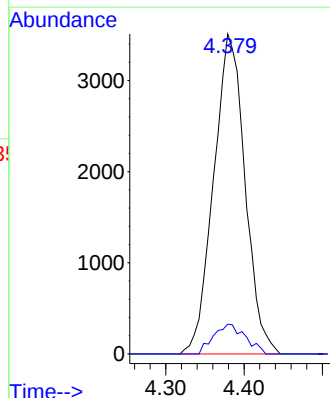
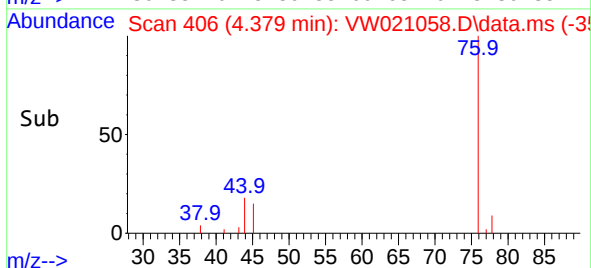
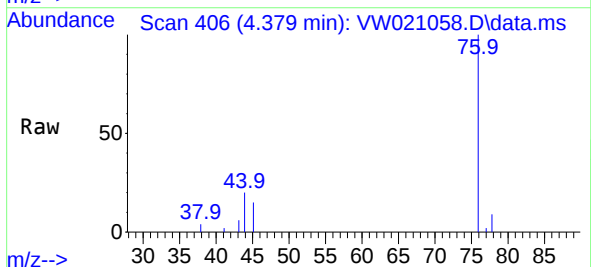


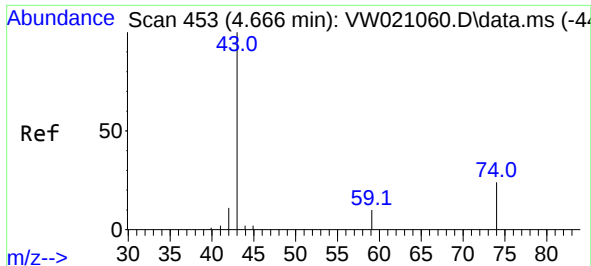
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Ion Ratio Lower Upper
43 100
58 26.0 0.0 52.8



#14
Carbon disulfide
Concen: 2.394 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 76 Resp: 9778
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

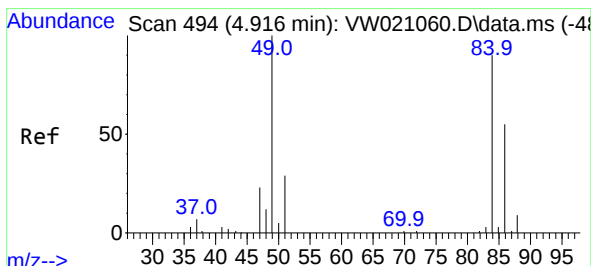
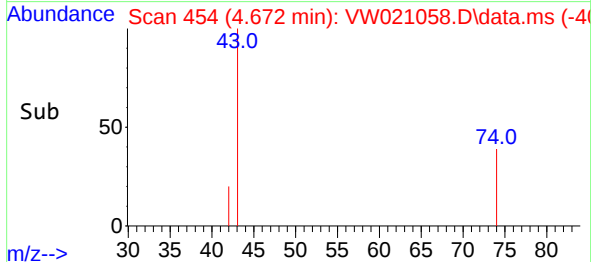
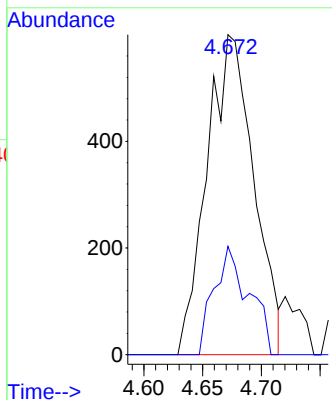
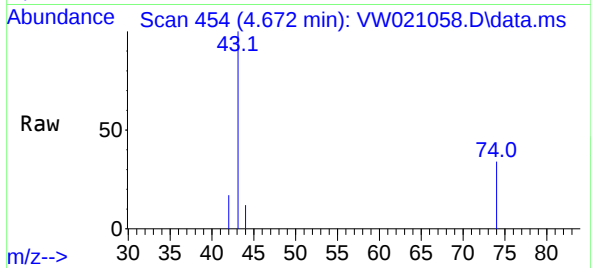




#15
Methyl Acetate
Concen: 2.817 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
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Acq: 03 Dec 2021 11:20

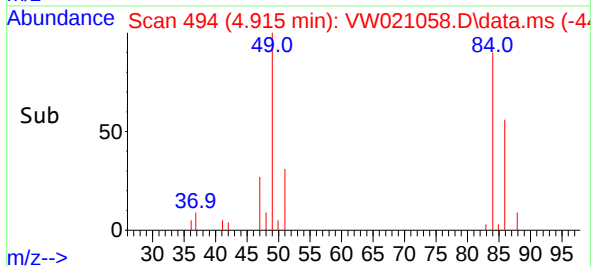
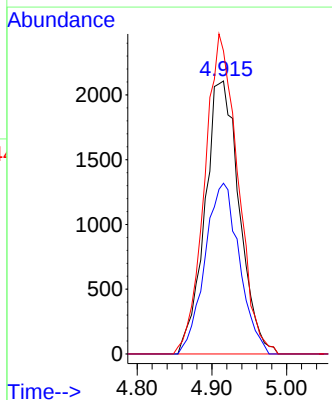
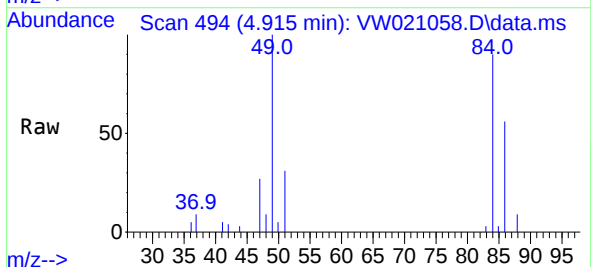
Instrument :
MSVOA_W
ClientSampleId :

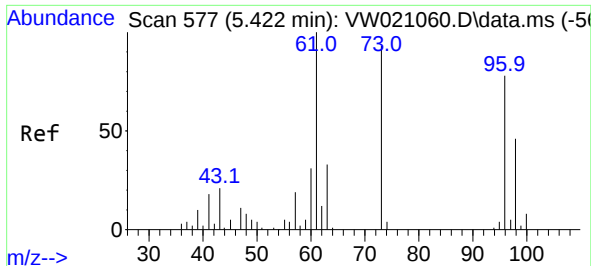
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
74 18.3 16.4 24.6



#16
Methylene chloride
Concen: 3.798 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 84 Resp: 6739
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 111.0 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 2.499 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

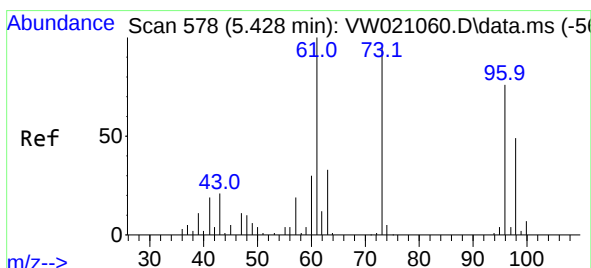
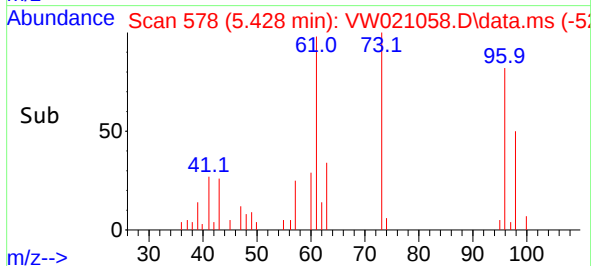
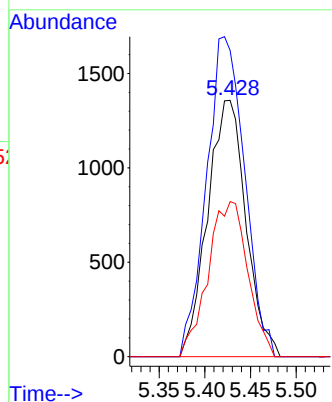
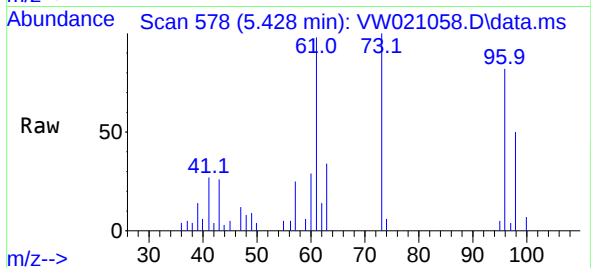
Tgt Ion: 96 Resp: 3962

Ion Ratio Lower Upper

96 100

61 119.4 107.4 199.4

98 60.5 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 1.574 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

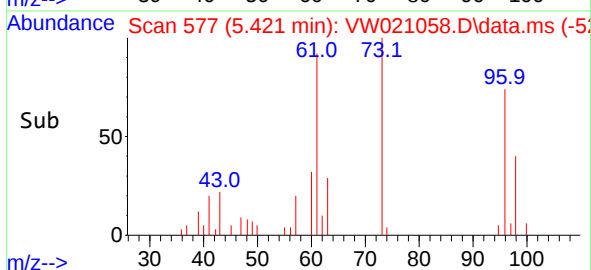
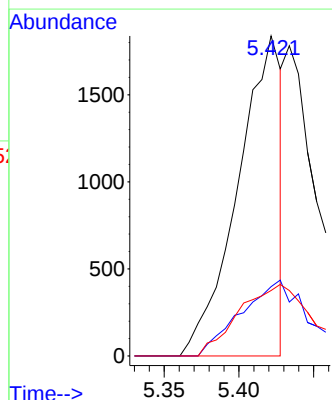
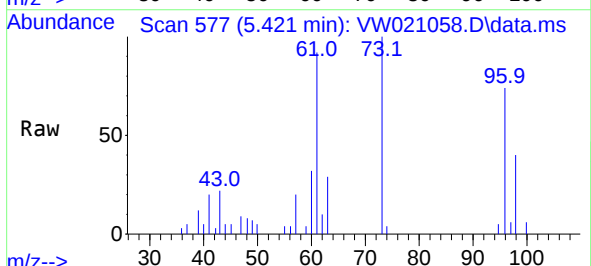
Tgt Ion: 73 Resp: 3735

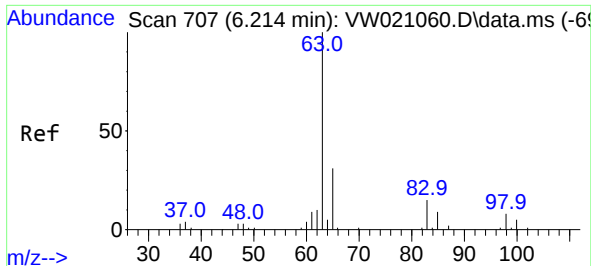
Ion Ratio Lower Upper

73 100

43 35.8 19.5 29.3#

57 37.9 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 2.548 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW021058.D

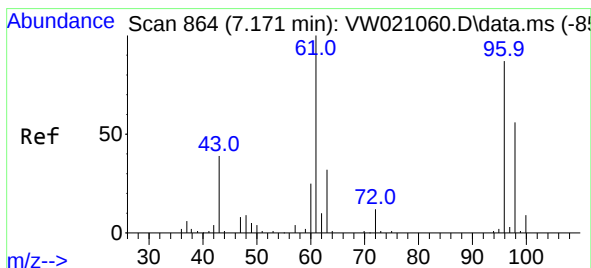
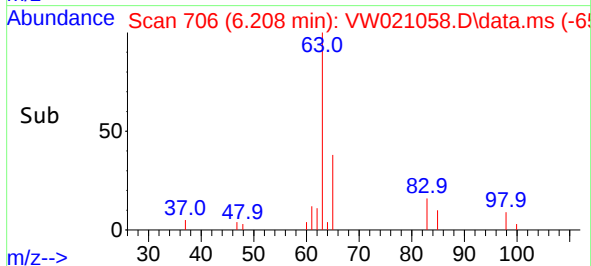
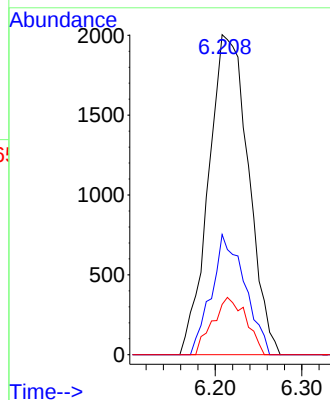
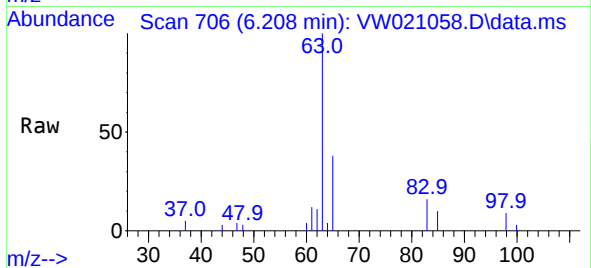
Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	6391
Ion	Ratio	Lower	Upper
63	100		
65	37.6	22.1	41.1
83	15.7	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 2.605 ug/L

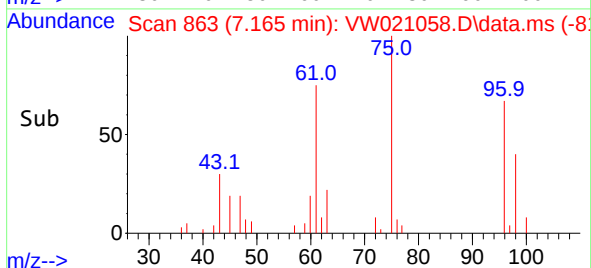
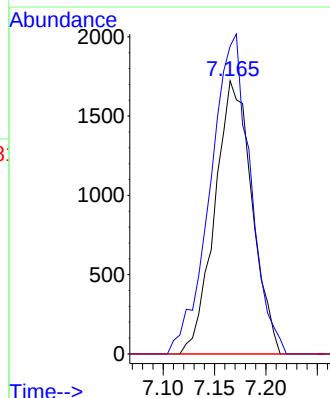
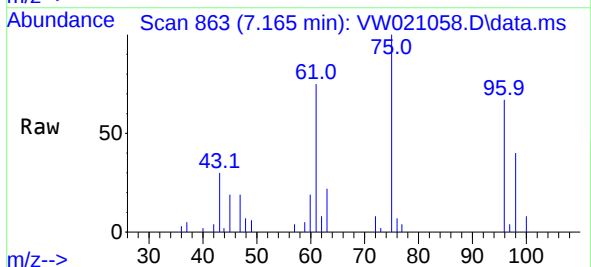
RT: 7.165 min Scan# 863

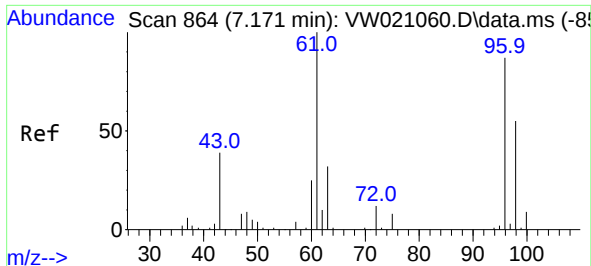
Delta R.T. -0.006 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

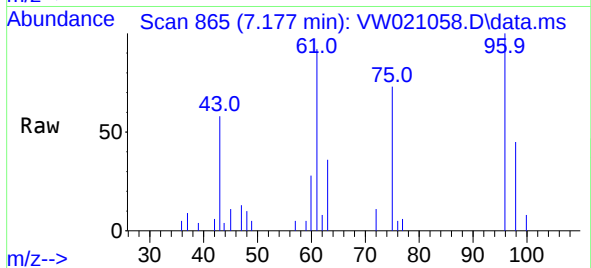
Tgt Ion:	96	Resp:	4348
Ion	Ratio	Lower	Upper
96	100		
61	112.7	103.7	192.7
68	0.0	0.0	0.0



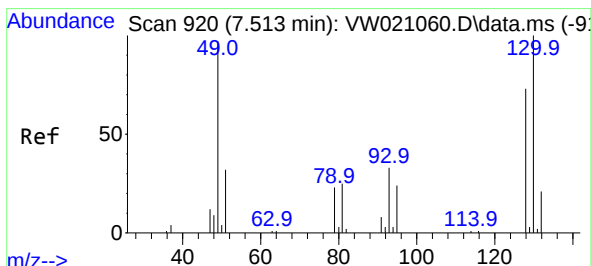
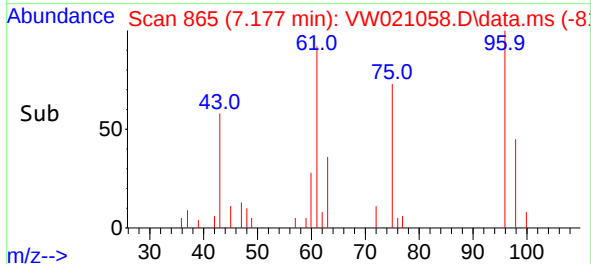
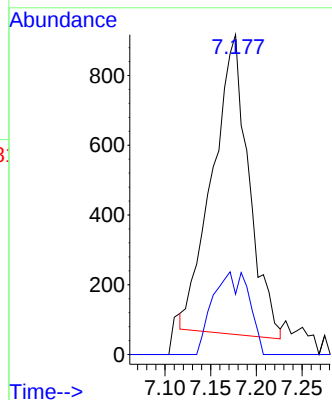


#22
2-Butanone
Concen: 5.088 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :

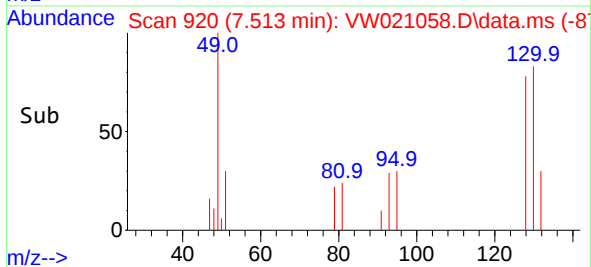
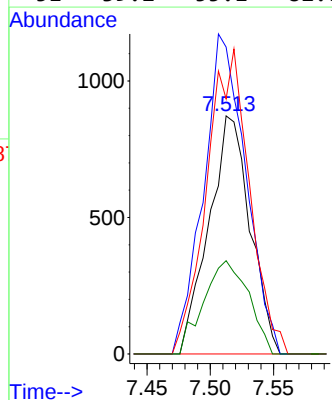
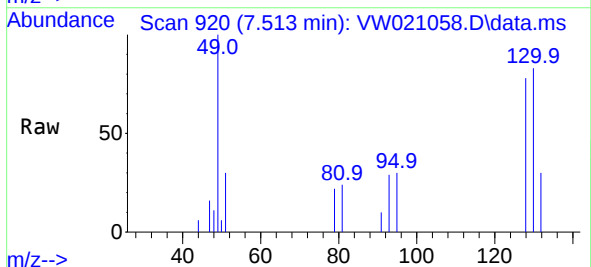


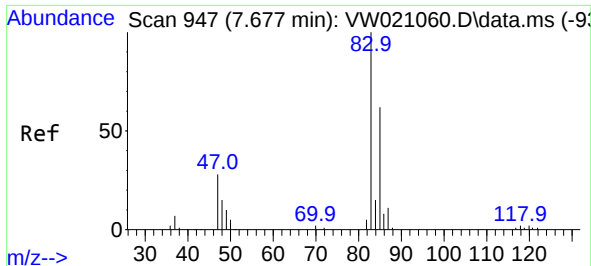
Tgt Ion: 43 Resp: 2367
Ion Ratio Lower Upper
43 100
72 9.6 11.8 35.4#



#23
Bromochloromethane
Concen: 2.537 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 128 Resp: 1976
Ion Ratio Lower Upper
128 100
49 128.9 150.3 279.1#
130 107.1 88.3 163.9
51 39.2 55.1 82.7#





#25

Chloroform

Concen: 2.618 ug/L

RT: 7.671 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

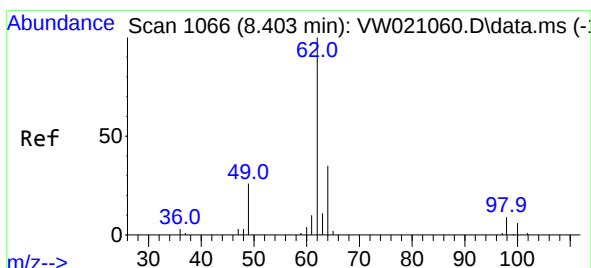
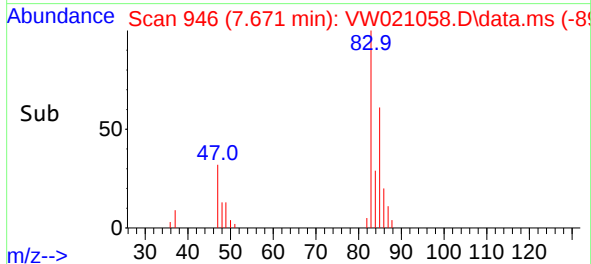
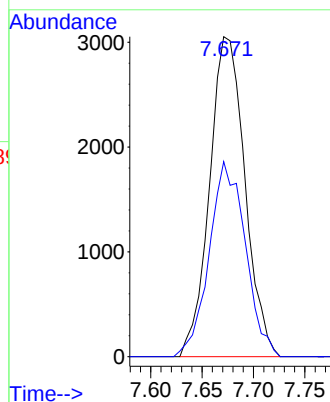
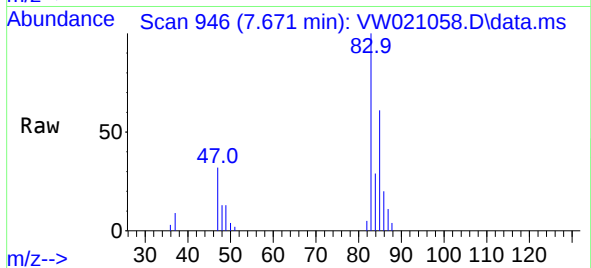
ClientSampleId :

Tgt Ion: 83 Resp: 7310

Ion Ratio Lower Upper

83 100

85 60.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 2.523 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021058.D

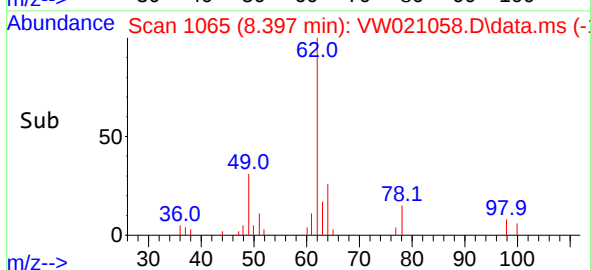
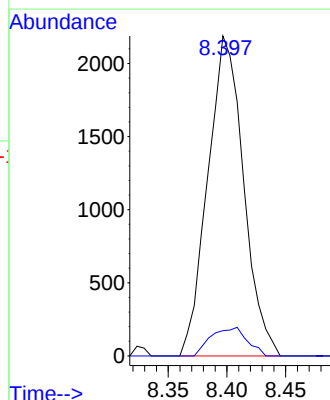
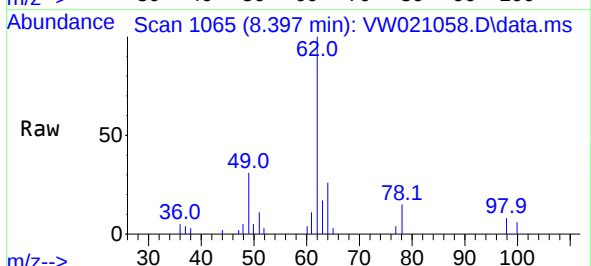
Acq: 03 Dec 2021 11:20

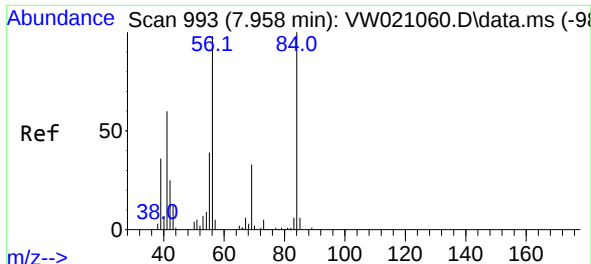
Tgt Ion: 62 Resp: 4636

Ion Ratio Lower Upper

62 100

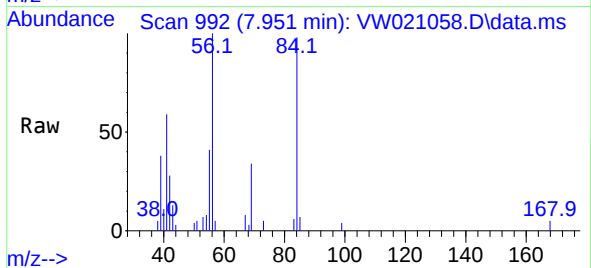
98 7.9 6.5 9.7





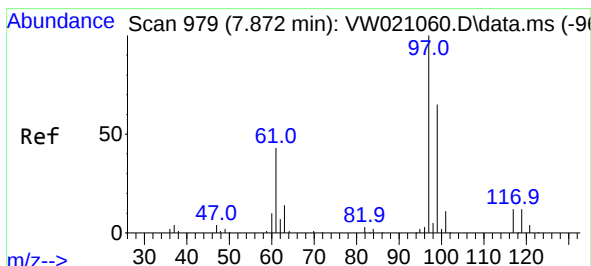
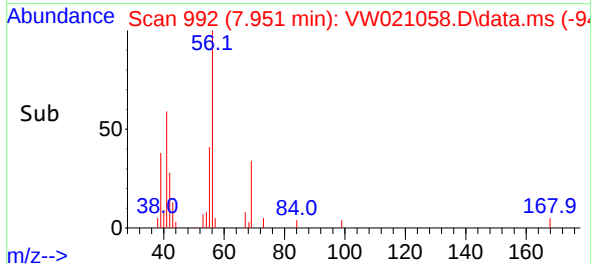
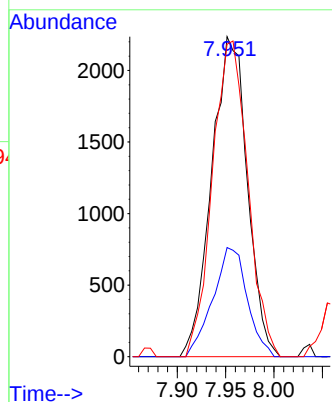
#29
Cyclohexane
Concen: 2.418 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 5724

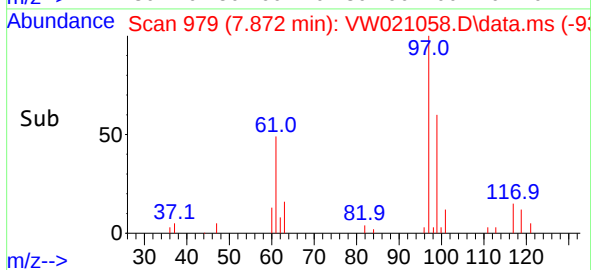
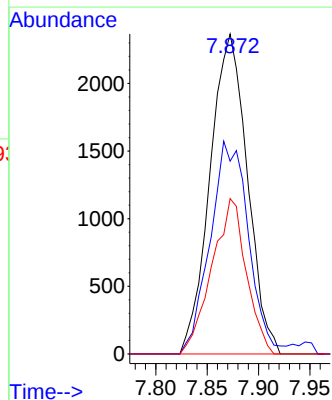
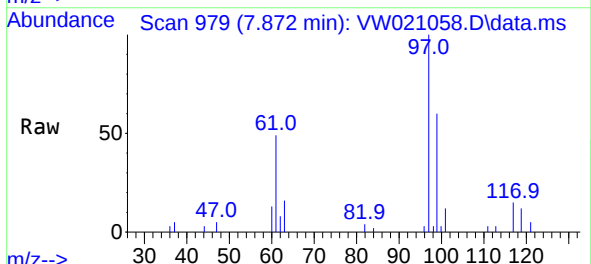
Ion	Ratio	Lower	Upper
56	100		
69	32.9	23.5	35.3
84	97.9	63.4	95.2

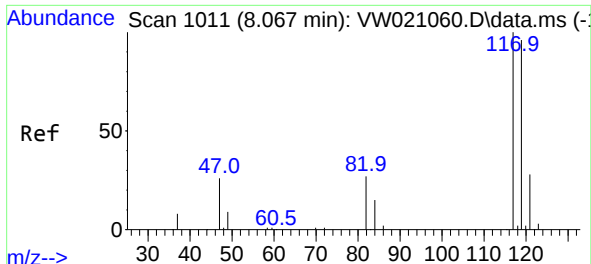


#30
1,1,1-Trichloroethane
Concen: 2.371 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 97 Resp: 5977

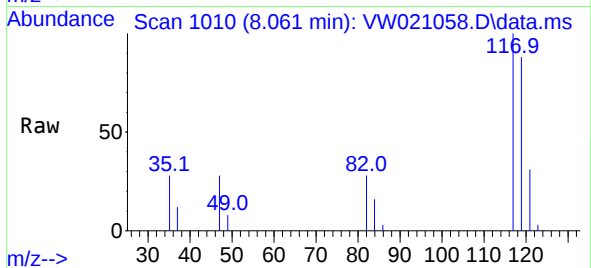
Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.6	77.4
61	44.7	40.9	61.3



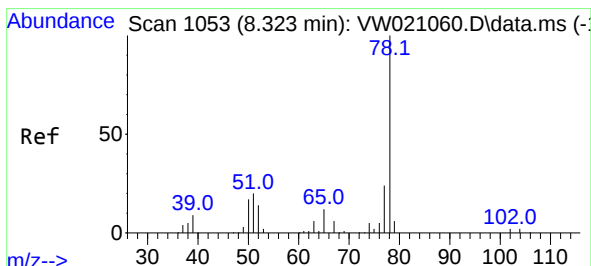
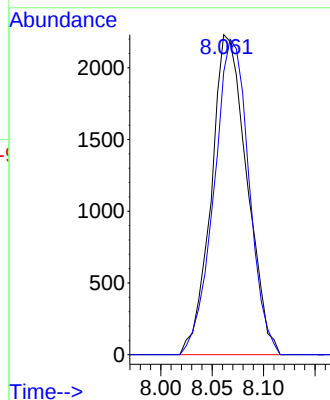
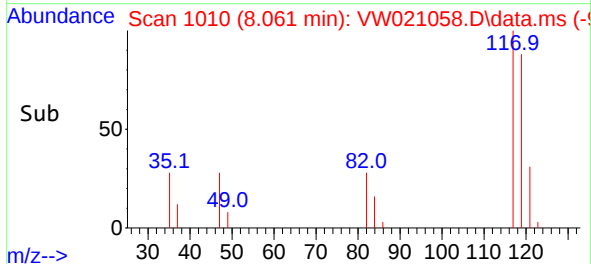


#31
Carbon tetrachloride
Concen: 2.325 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :

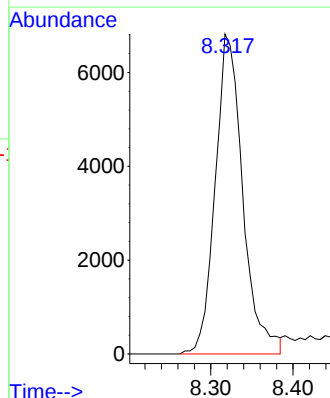
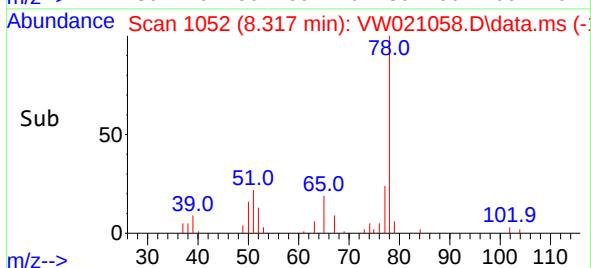
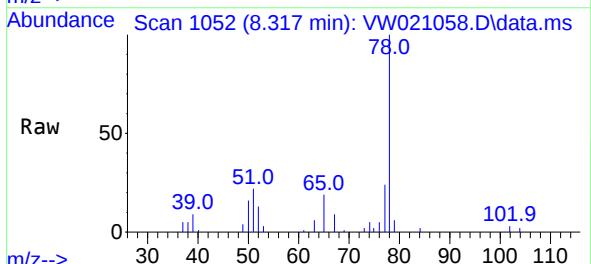


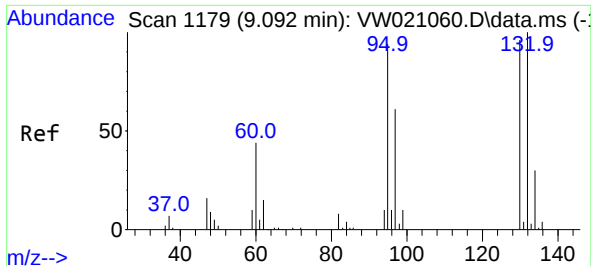
Tgt Ion:117 Resp: 5381
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5



#33
Benzene
Concen: 2.600 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

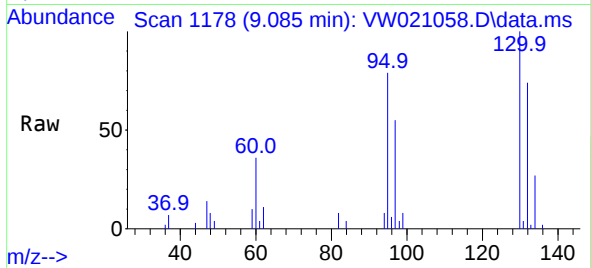
Tgt Ion: 78 Resp: 15868





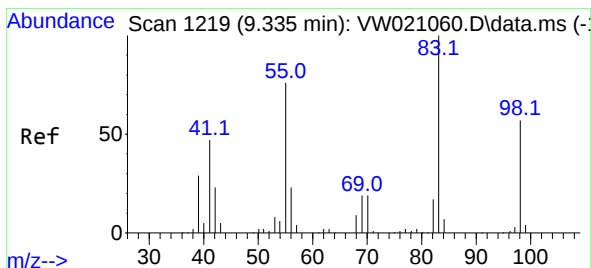
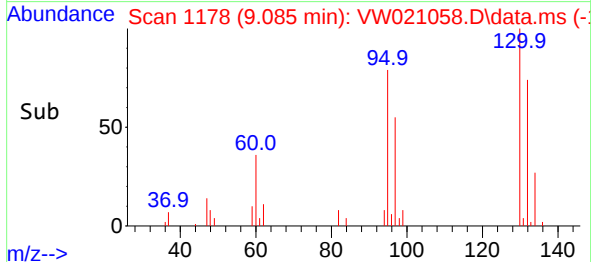
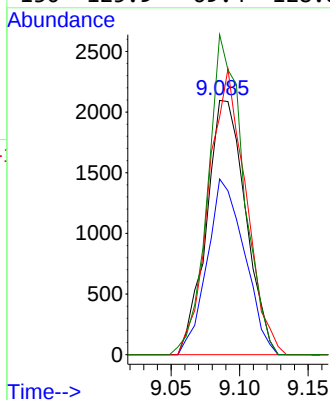
#34
Trichloroethene
Concen: 2.467 ug/L
RT: 9.085 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 4167

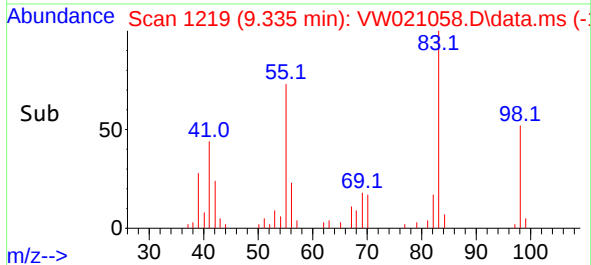
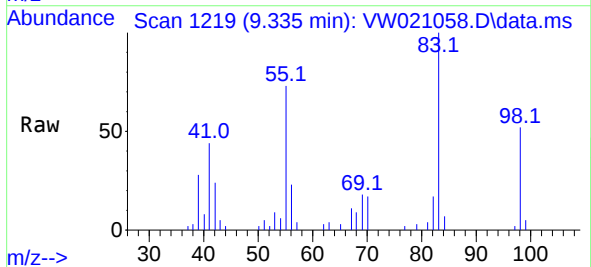
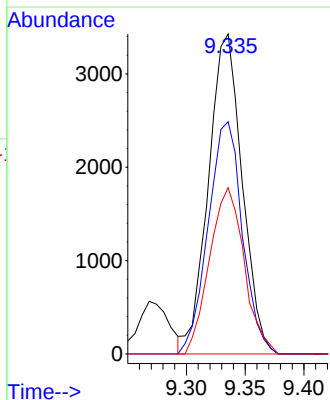
Ion	Ratio	Lower	Upper
95	100		
97	69.1	47.0	87.2
132	93.5	65.5	121.6
130	125.9	69.4	128.8

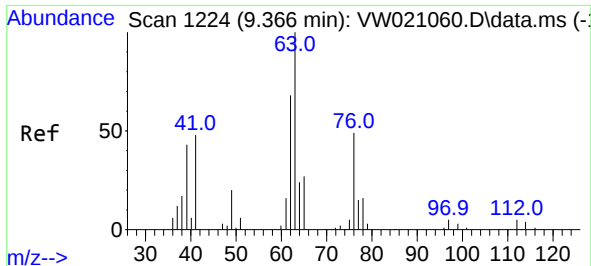


#35
Methylcyclohexane
Concen: 2.407 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 83 Resp: 6852

Ion	Ratio	Lower	Upper
83	100		
55	73.6	70.8	106.2
98	53.4	37.7	56.5





#37

1,2-Dichloropropane

Concen: 2.598 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

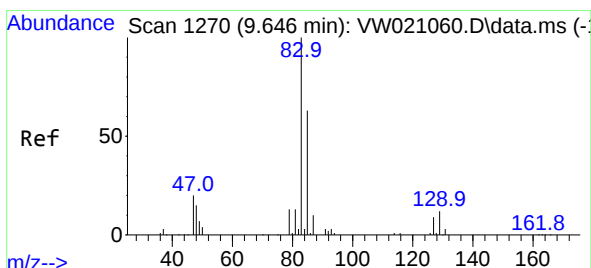
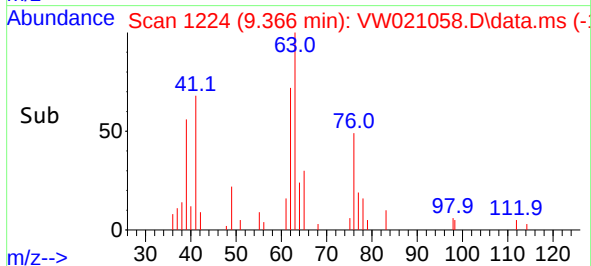
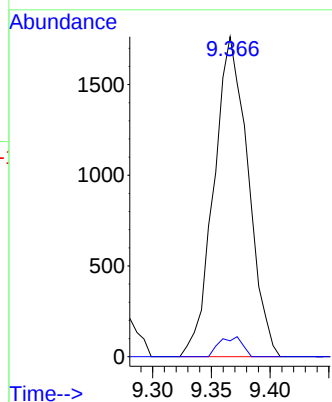
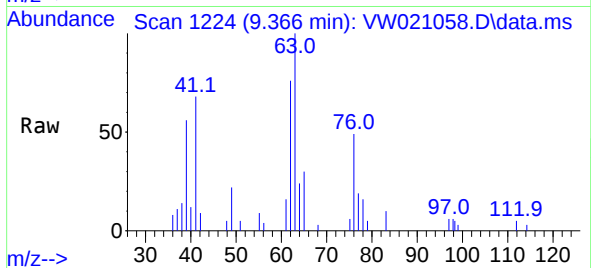
ClientSampleId :

Tgt Ion: 63 Resp: 3569

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 2.316 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

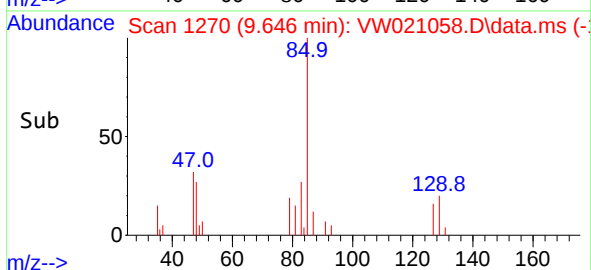
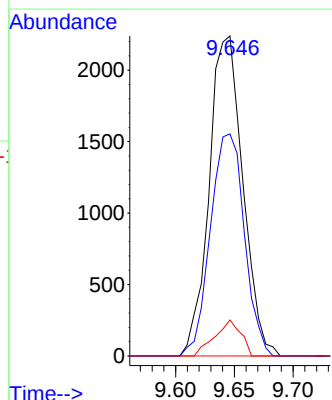
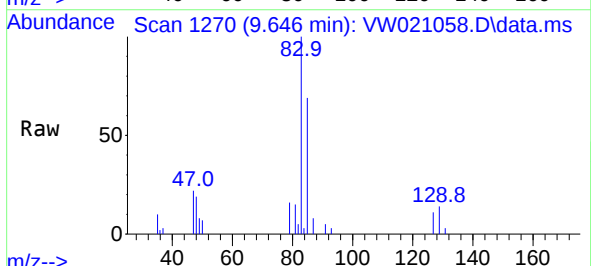
Tgt Ion: 83 Resp: 4471

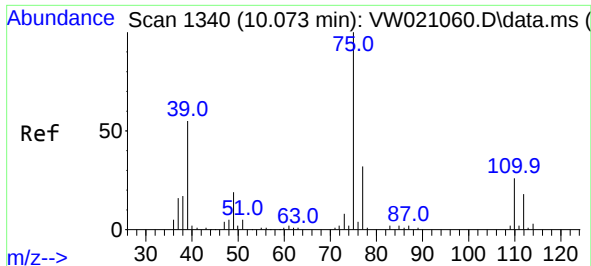
Ion Ratio Lower Upper

83 100

85 69.4 44.1 81.9

127 11.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 2.288 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

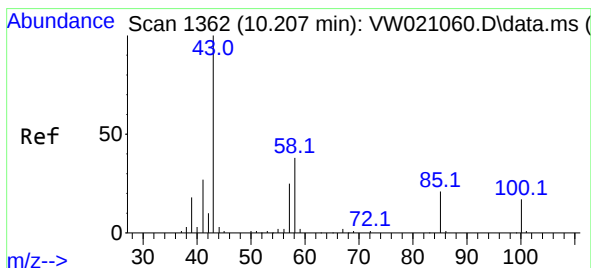
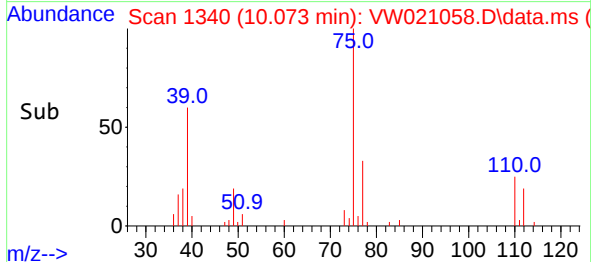
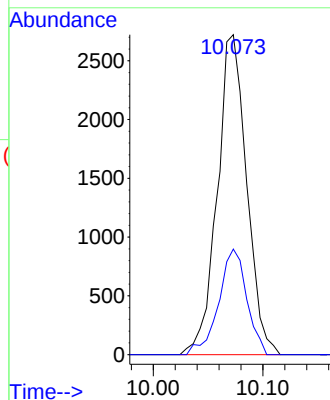
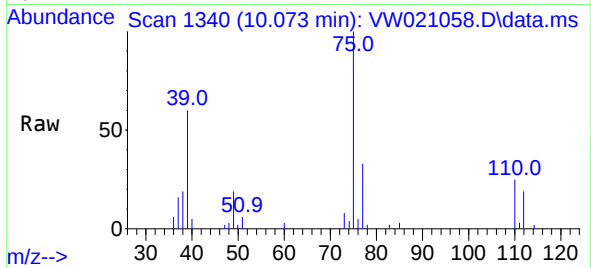
ClientSampleId :

Tgt Ion: 75 Resp: 5076

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 5.693 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

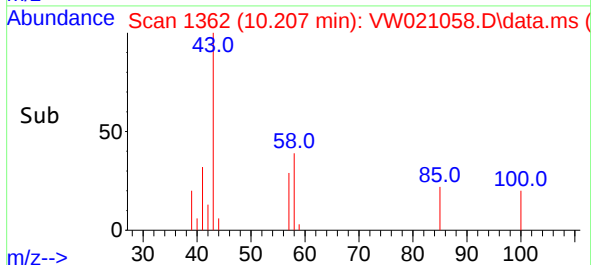
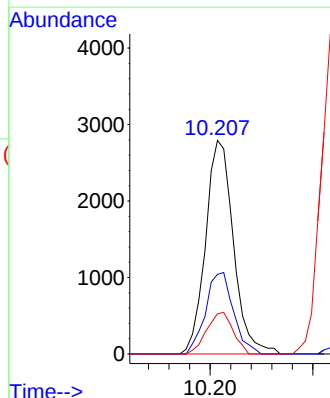
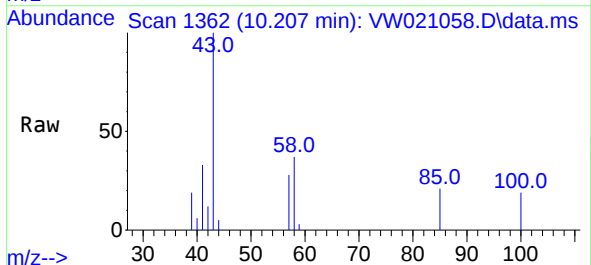
Tgt Ion: 43 Resp: 5264

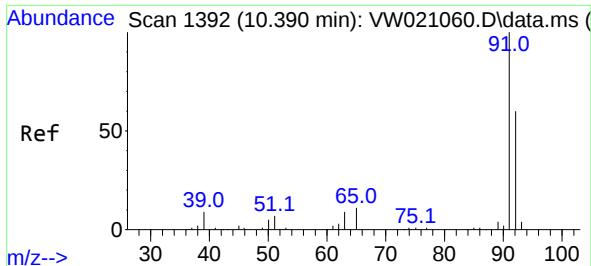
Ion Ratio Lower Upper

43 100

58 38.0 28.8 43.2

100 18.3 10.0 15.0#





#42

Toluene

Concen: 2.472 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

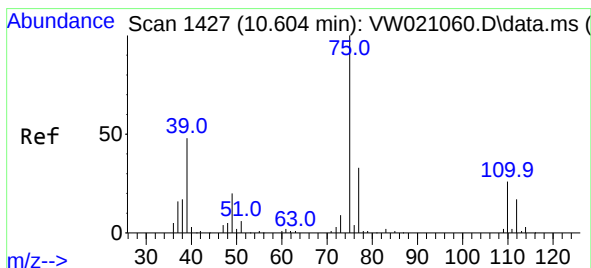
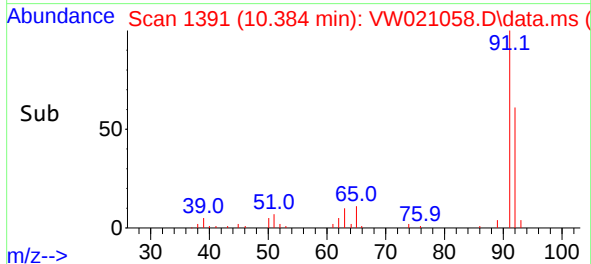
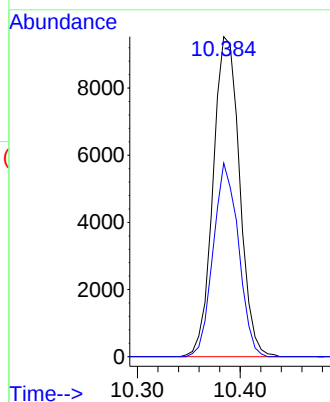
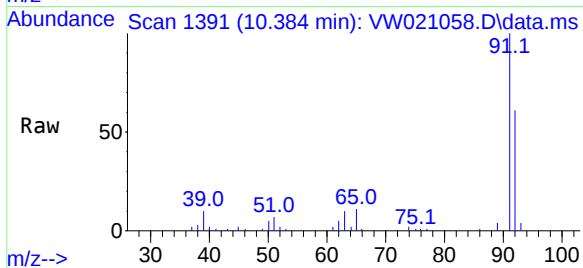
ClientSampleId :

Tgt Ion: 91 Resp: 17064

Ion Ratio Lower Upper

91 100

92 60.5 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 2.278 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021058.D

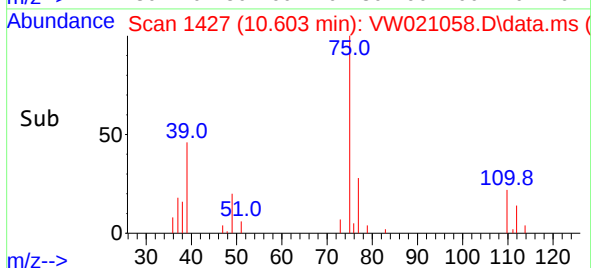
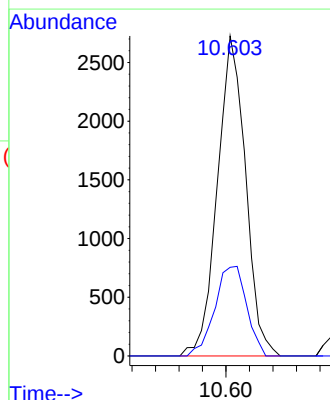
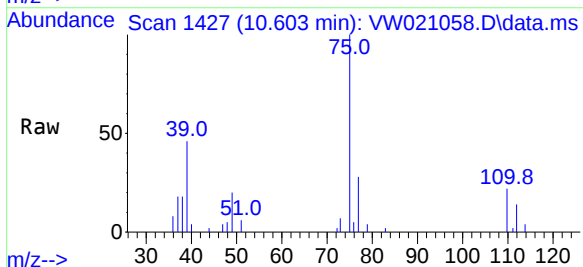
Acq: 03 Dec 2021 11:20

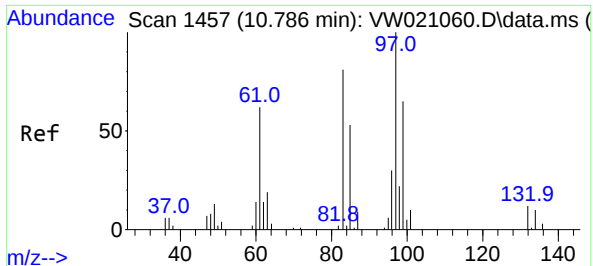
Tgt Ion: 75 Resp: 4539

Ion Ratio Lower Upper

75 100

77 27.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 2.502 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 2911

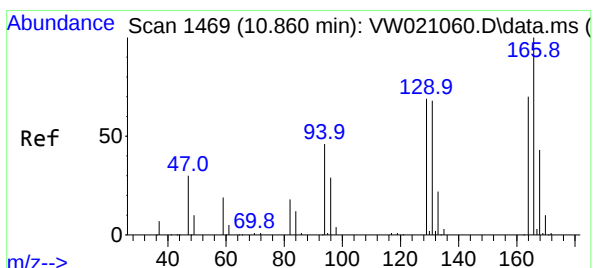
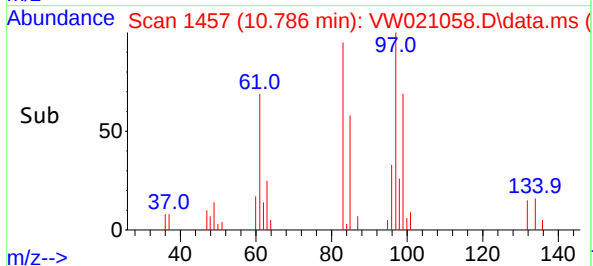
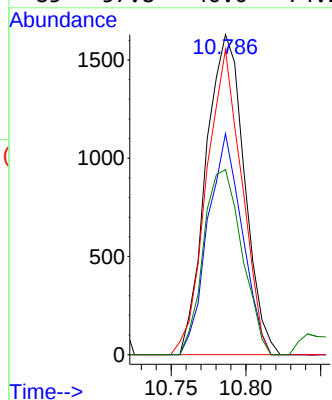
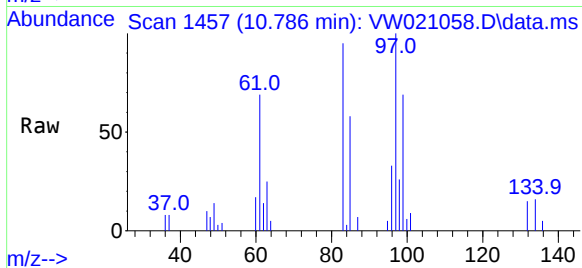
Ion Ratio Lower Upper

97 100

99 69.1 43.0 79.8

83 95.4 62.6 116.3

85 57.8 40.0 74.2



#46

Tetrachloroethene

Concen: 2.428 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Tgt Ion:164 Resp: 3784

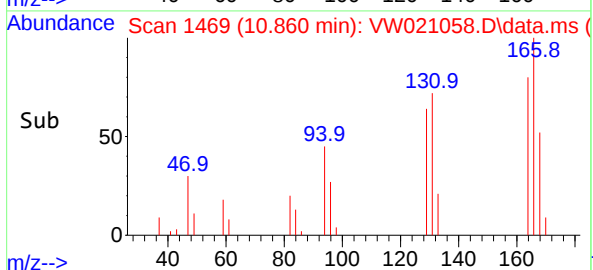
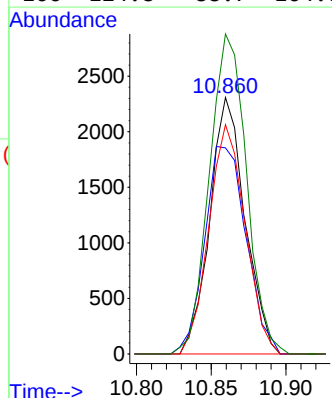
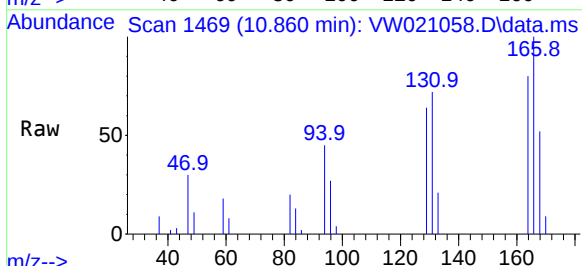
Ion Ratio Lower Upper

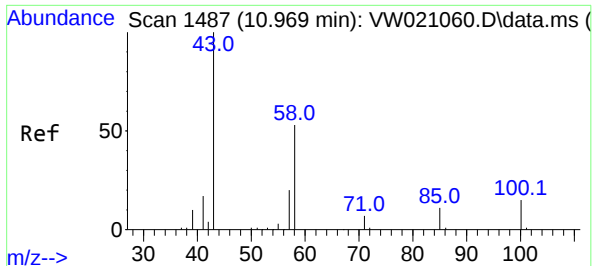
164 100

129 80.4 65.5 121.7

131 89.4 59.7 110.9

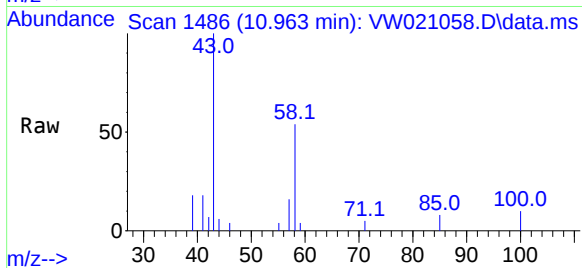
166 124.8 88.7 164.7



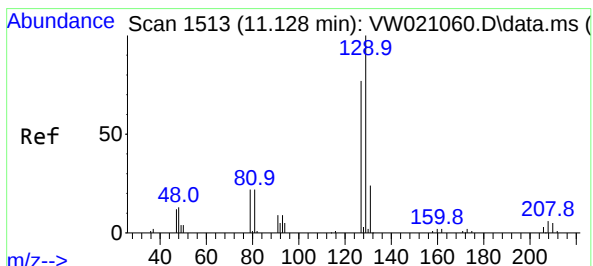
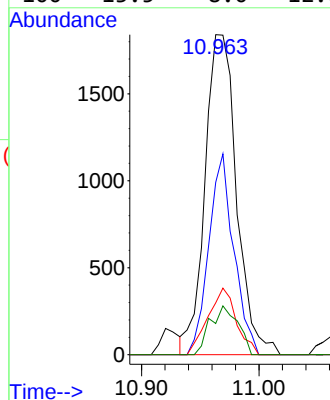
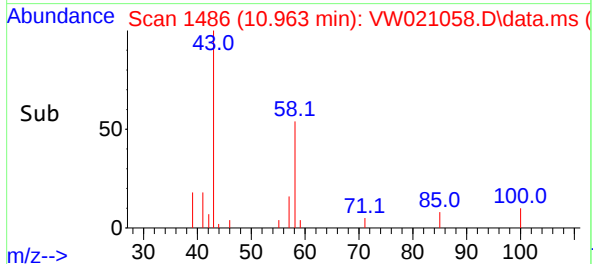


#48
2-Hexanone
Concen: 5.161 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :

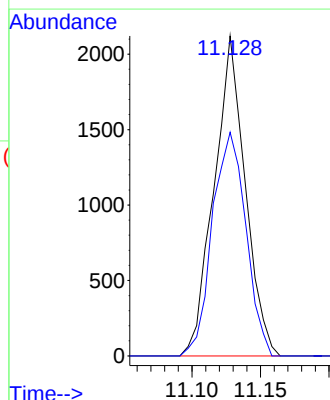
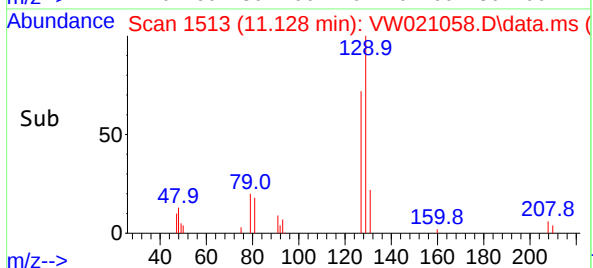
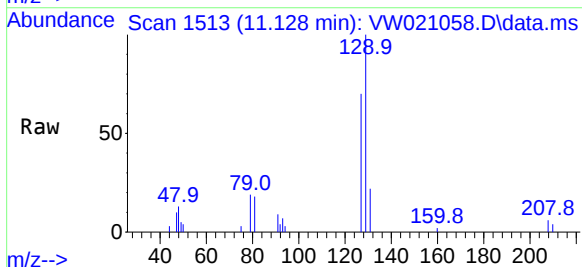


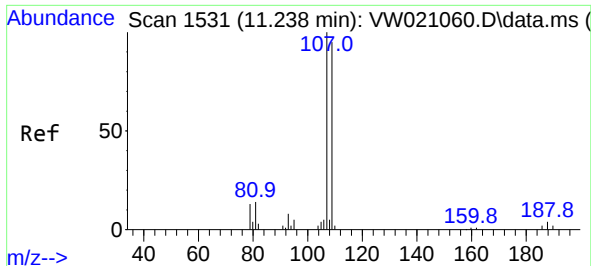
Tgt Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
58 49.6 40.2 60.2
57 18.8 14.3 21.5
100 13.5 8.0 12.0#



#49
Dibromochloromethane
Concen: 2.359 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 129 Resp: 3350
Ion Ratio Lower Upper
129 100
127 69.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 2.436 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021058.D

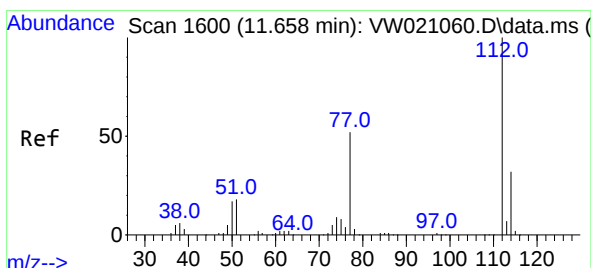
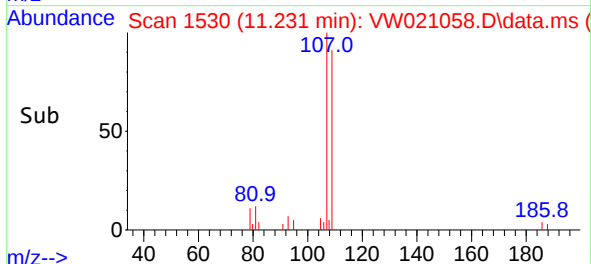
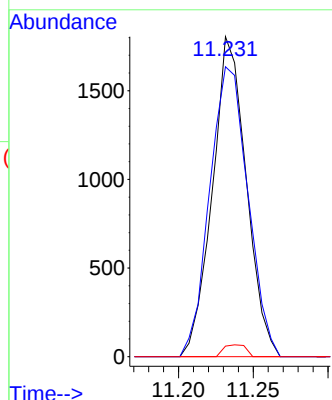
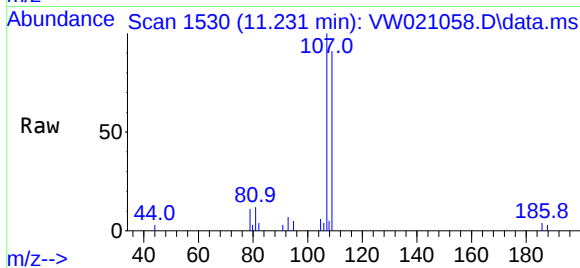
Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	2842
Ion	Ratio	Lower	Upper
107	100		
109	90.6	64.1	119.1
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 2.525 ug/L

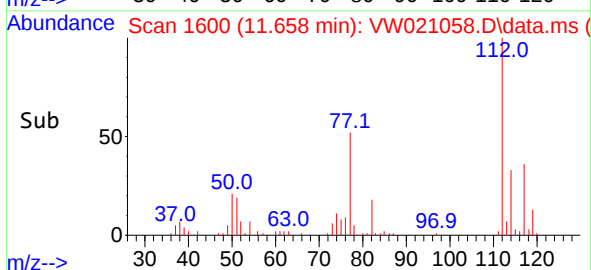
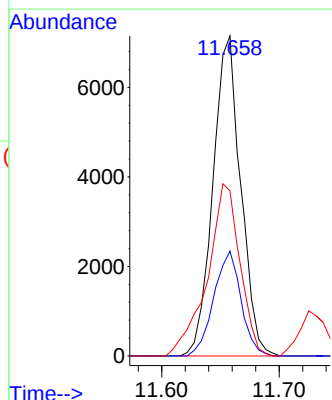
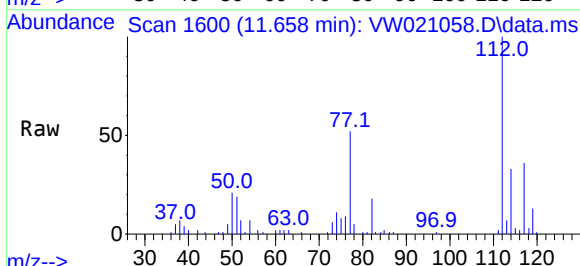
RT: 11.658 min Scan# 1600

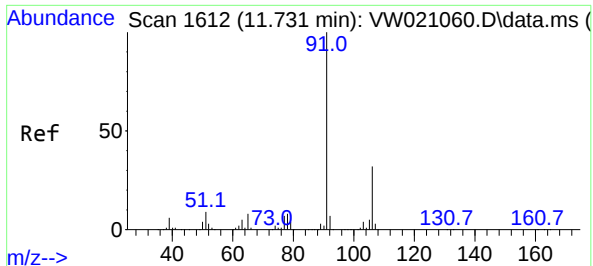
Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Tgt Ion:	112	Resp:	11736
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.4	41.6
77	51.6	50.2	75.4

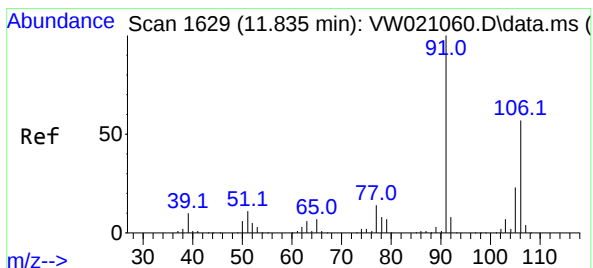
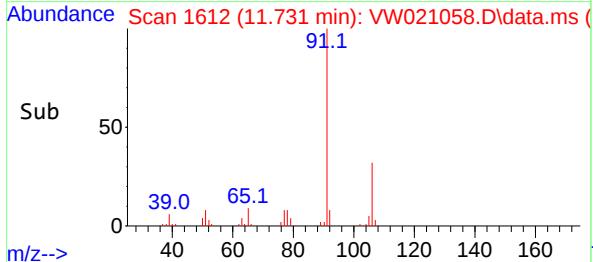
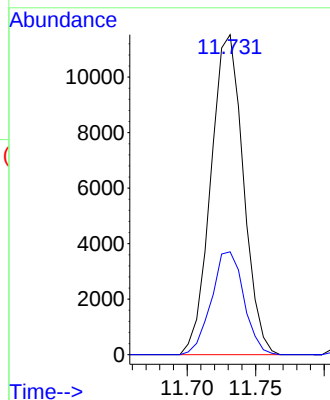
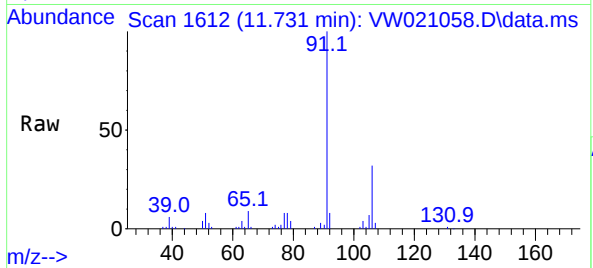




#52
Ethylbenzene
Concen: 2.431 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

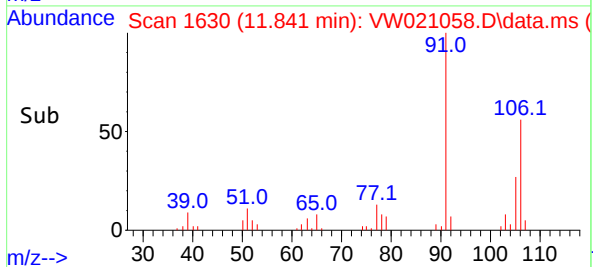
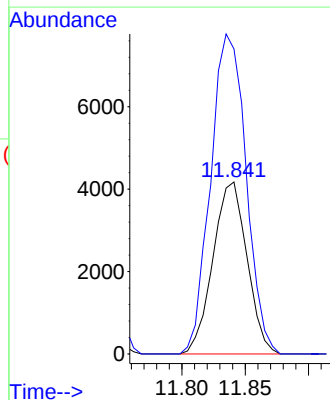
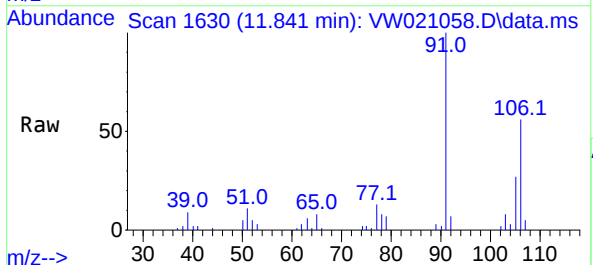
Instrument :
MSVOA_W
ClientSampleId :

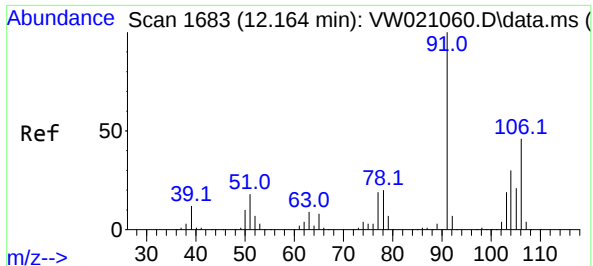
Tgt Ion: 91 Resp: 19016
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 2.403 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion:106 Resp: 7809
Ion Ratio Lower Upper
106 100
91 177.3 149.9 278.3

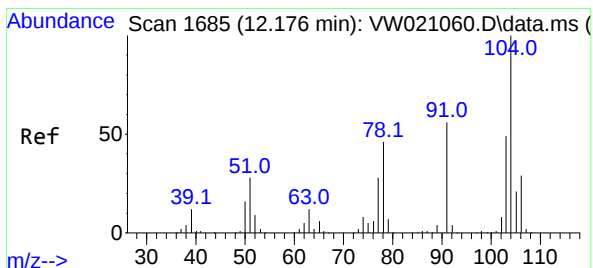
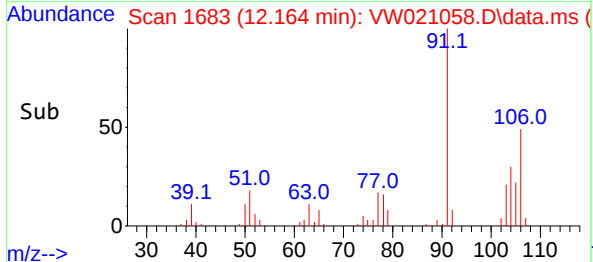
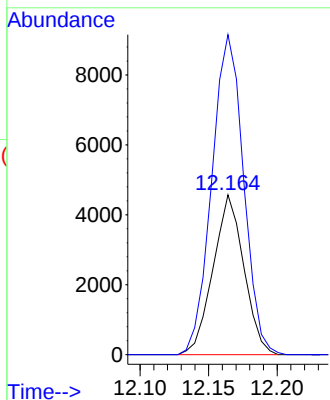
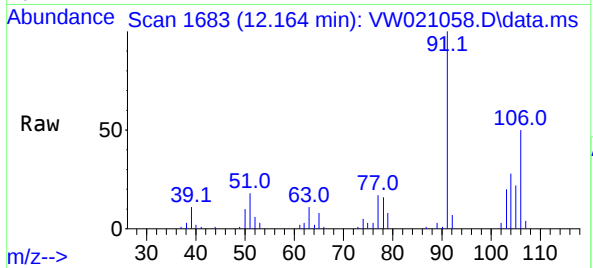




#54
o-Xylene
Concen: 2.366 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

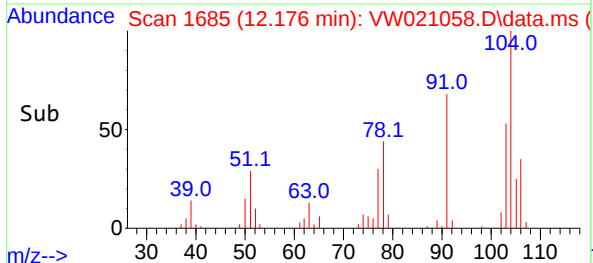
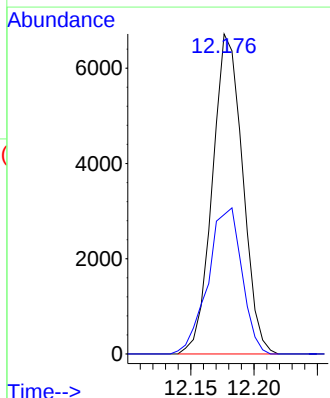
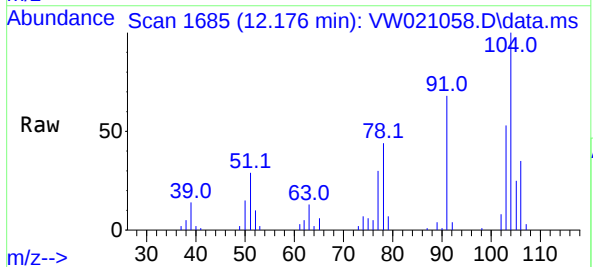
Instrument :
MSVOA_W
ClientSampleId :

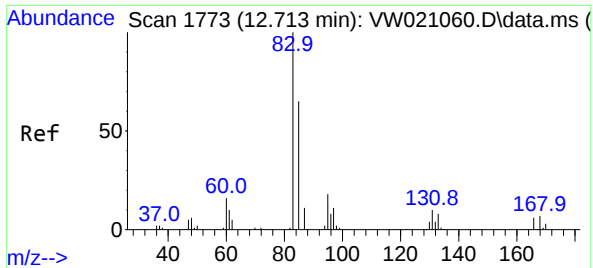
Tgt Ion:106 Resp: 7146
Ion Ratio Lower Upper
106 100
91 200.2 153.6 285.3



#55
Styrene
Concen: 2.149 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion:104 Resp: 11156
Ion Ratio Lower Upper
104 100
78 43.6 34.4 64.0



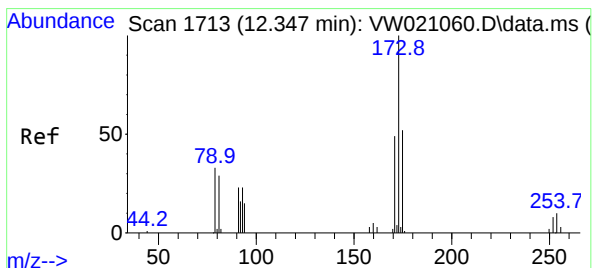
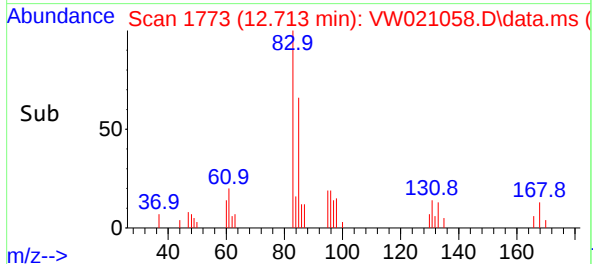
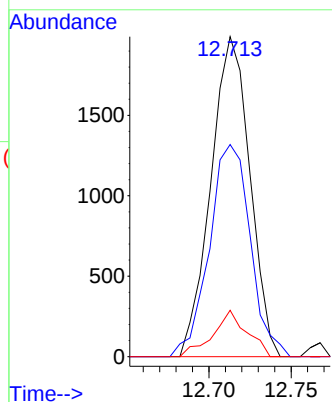
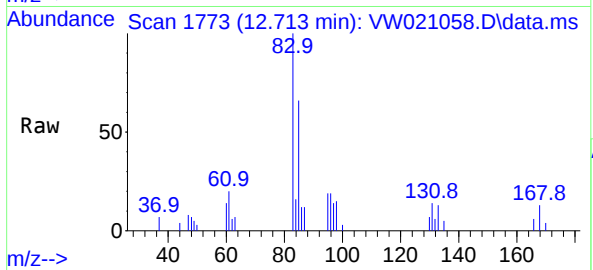


#57
1,1,2,2-Tetrachloroethane
Concen: 2.381 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 3279

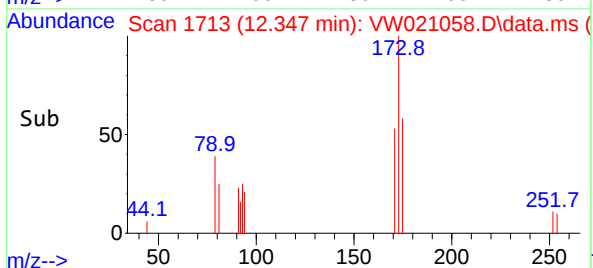
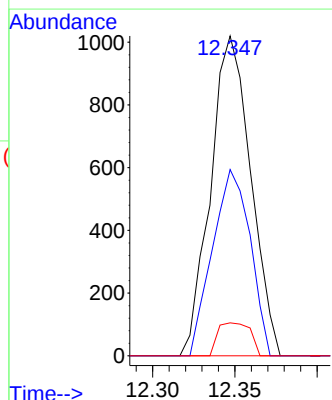
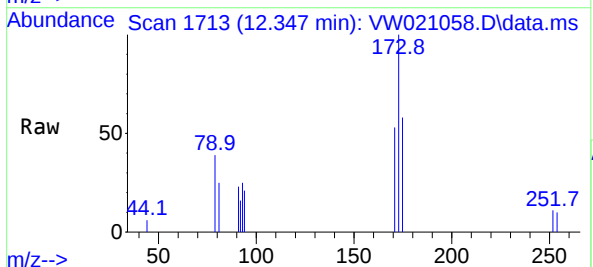
Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.0	81.6
131	14.5	6.9	10.3

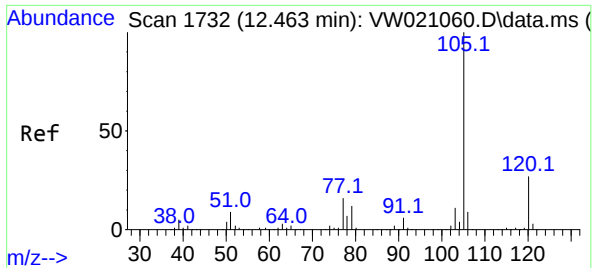


#59
Bromoform
Concen: 2.073 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 173 Resp: 1734

Ion	Ratio	Lower	Upper
173	100		
175	54.6	39.6	59.4
254	8.3	7.4	11.0

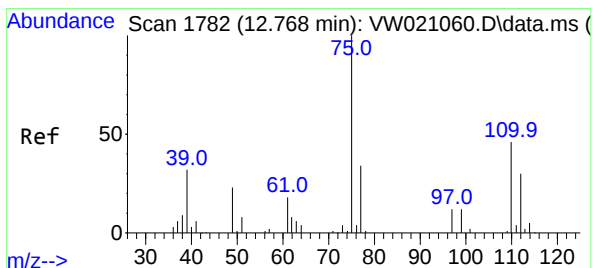
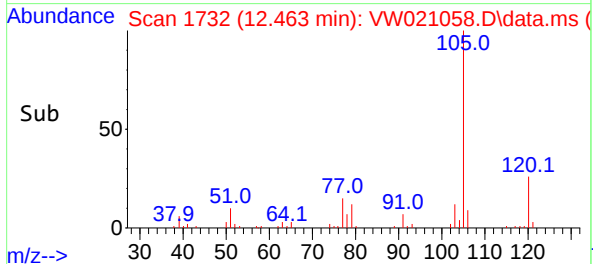
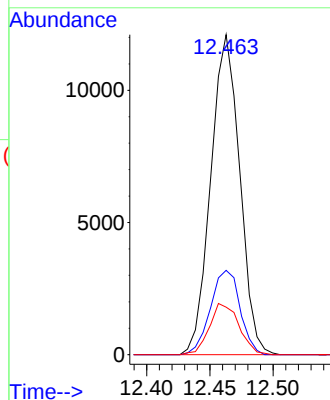
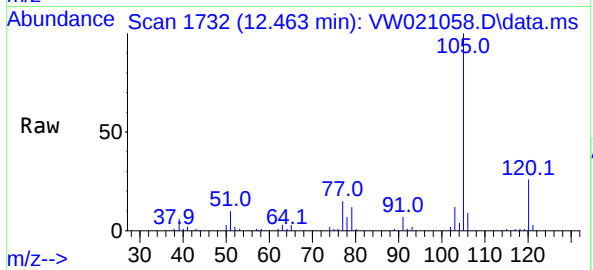




#60
Isopropylbenzene
Concen: 2.360 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

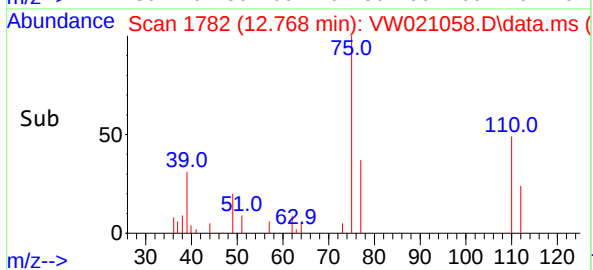
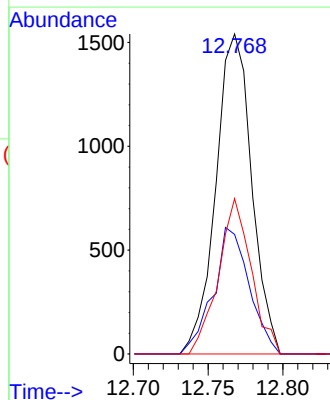
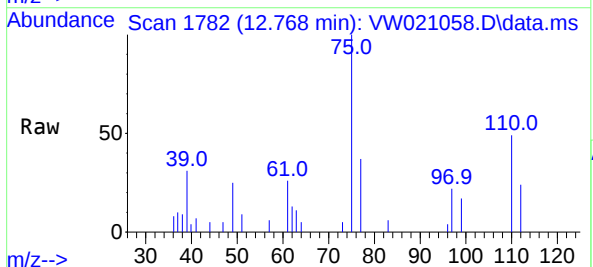
Instrument :
MSVOA_W
ClientSampleId :

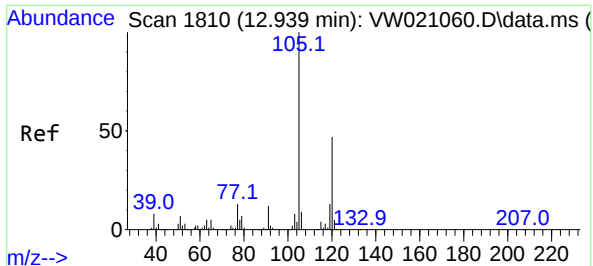
Tgt Ion:105 Resp: 19272
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 16.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 2.622 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion: 75 Resp: 2568
Ion Ratio Lower Upper
75 100
77 39.8 25.8 38.8#
110 44.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 2.301 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

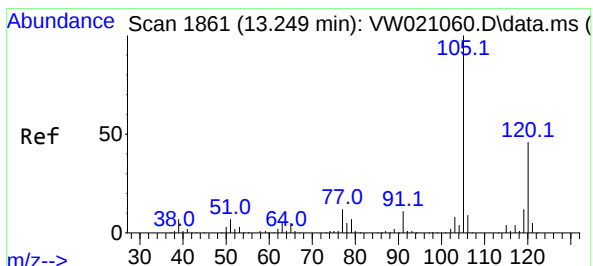
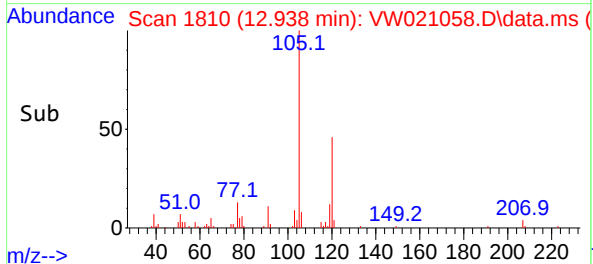
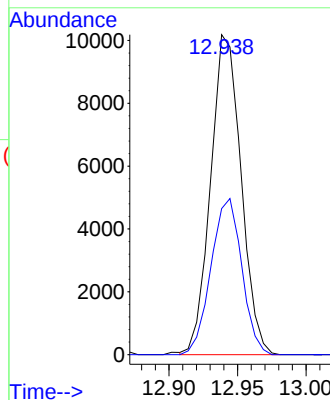
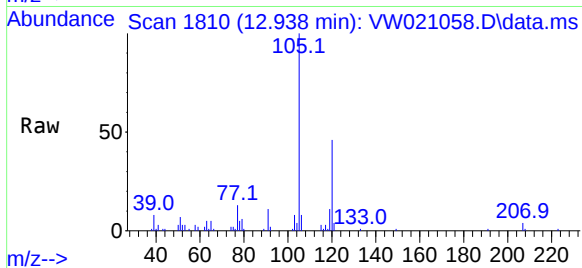
ClientSampleId :

Tgt Ion:105 Resp: 15749

Ion Ratio Lower Upper

105 100

120 49.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.354 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021058.D

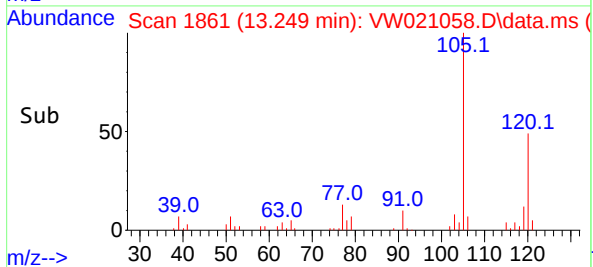
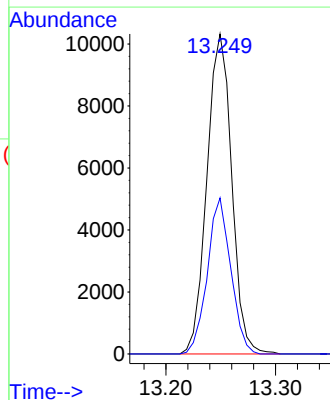
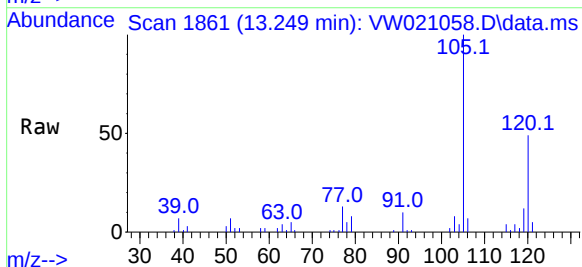
Acq: 03 Dec 2021 11:20

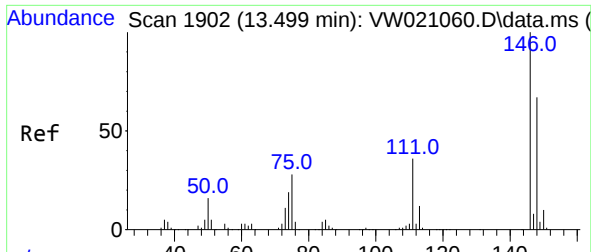
Tgt Ion:105 Resp: 16235

Ion Ratio Lower Upper

105 100

120 46.0 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 2.521 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

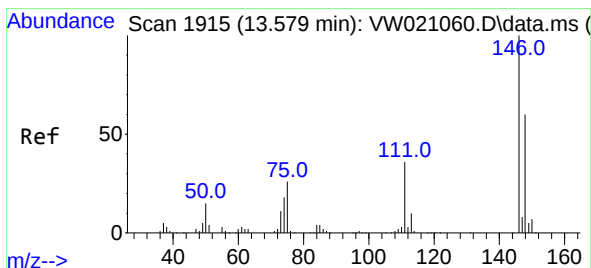
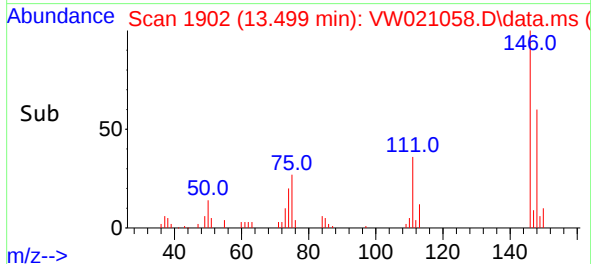
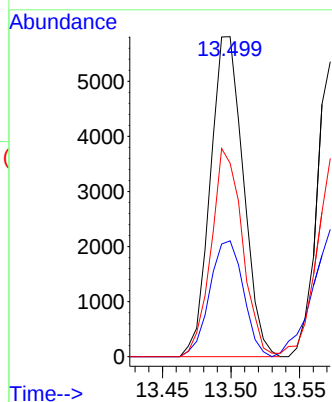
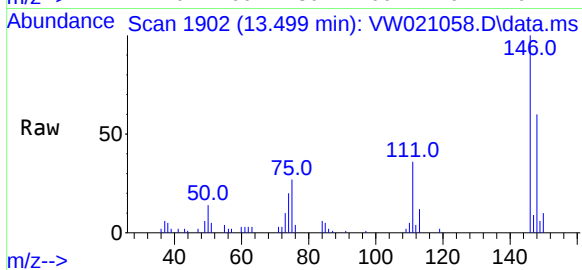
Tgt Ion:146 Resp: 9713

Ion Ratio Lower Upper

146 100

111 36.2 29.8 55.3

148 60.4 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 2.561 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

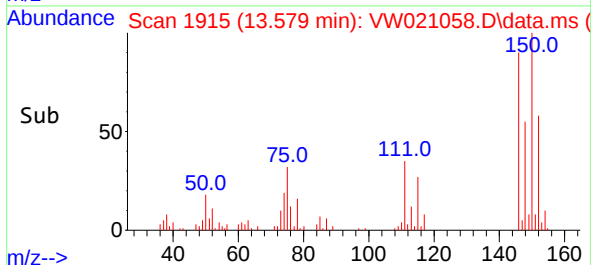
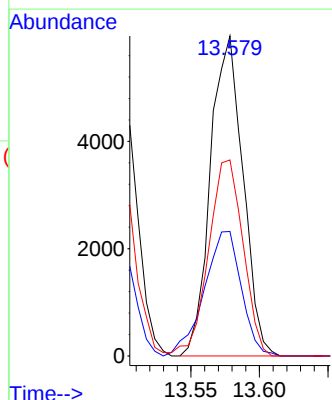
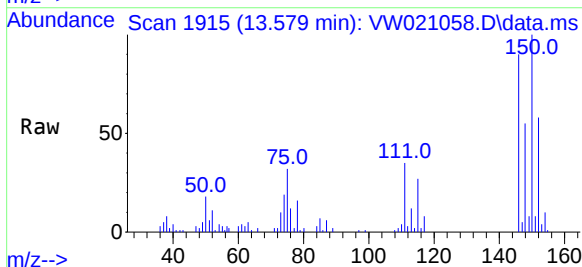
Tgt Ion:146 Resp: 9846

Ion Ratio Lower Upper

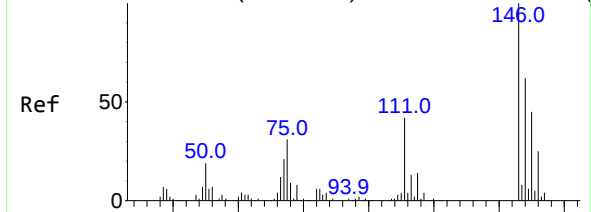
146 100

111 38.9 29.0 53.9

148 61.3 46.9 87.1

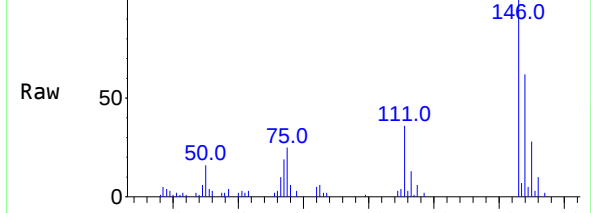


Abundance Scan 1962 (13.865 min): VW021060.D\data.ms (



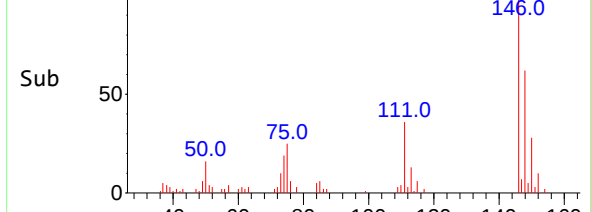
m/z-->

Abundance Scan 1963 (13.871 min): VW021058.D\data.ms



m/z-->

Abundance Scan 1963 (13.871 min): VW021058.D\data.ms (



m/z-->

#67

1,2-Dichlorobenzene

Concen: 2.576 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 8813

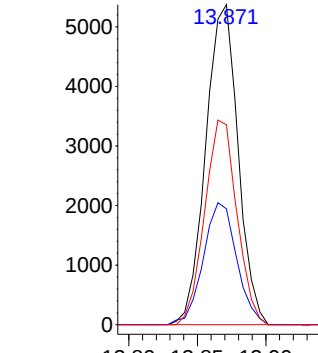
Ion Ratio Lower Upper

146 100

111 36.2 33.1 49.7

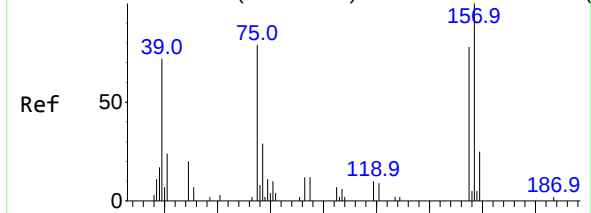
148 62.5 47.4 71.2

Abundance



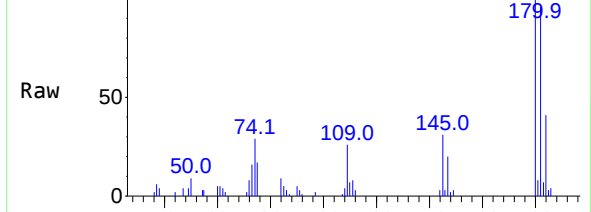
Time-->

Abundance Scan 2063 (14.481 min): VW021060.D\data.ms (



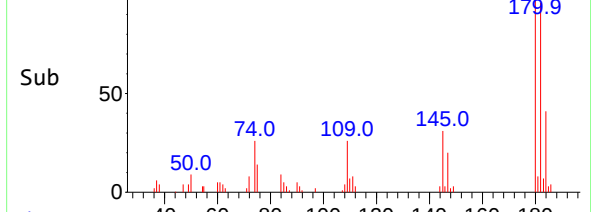
m/z-->

Abundance Scan 2087 (14.627 min): VW021058.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW021058.D\data.ms (



m/z-->

#68

1,2-Dibromo-3-chloropropane

Concen: 5.680 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.146 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Tgt Ion: 75 Resp: 1218

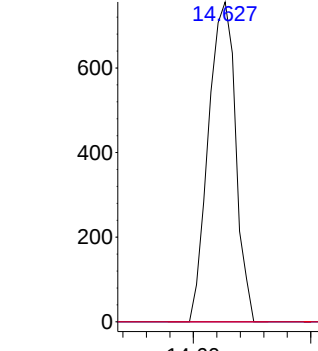
Ion Ratio Lower Upper

75 100

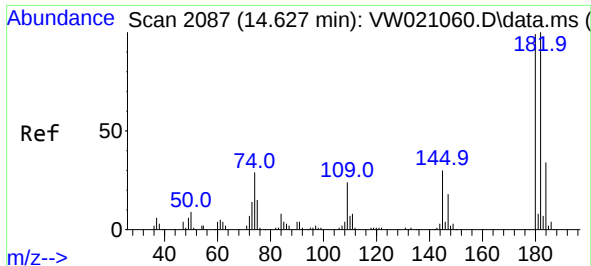
155 0.0 54.2 81.2#

157 0.0 69.4 104.2#

Abundance



Time-->



#69

1,3,5-Trichlorobenzene

Concen: 2.640 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 7418

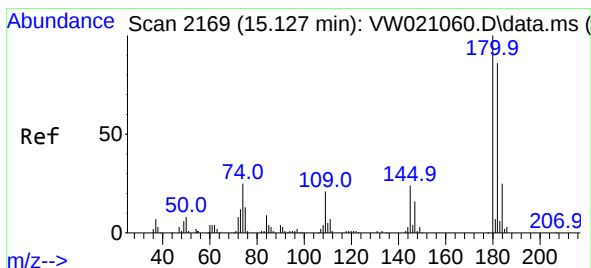
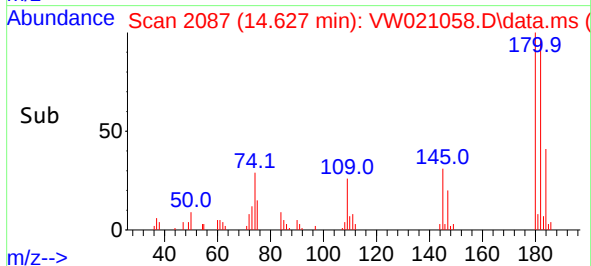
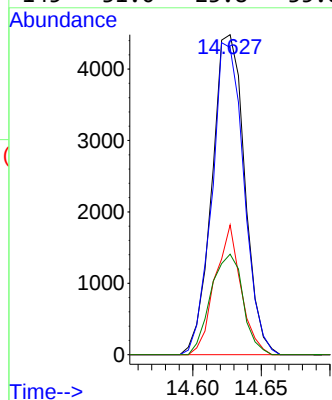
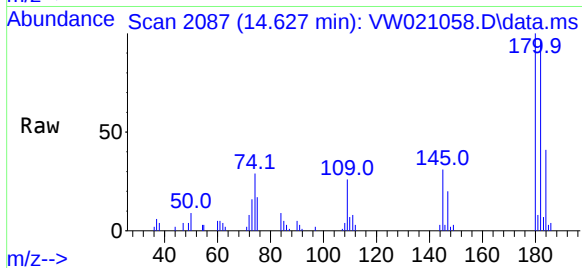
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

184 32.4 23.8 35.8

145 31.0 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 2.696 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021058.D

Acq: 03 Dec 2021 11:20

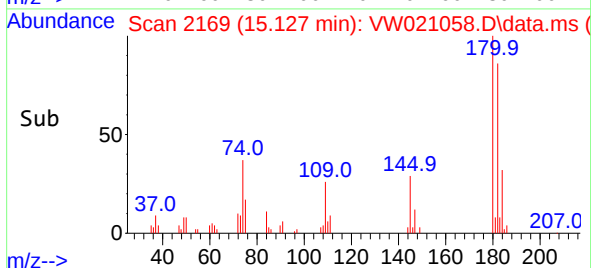
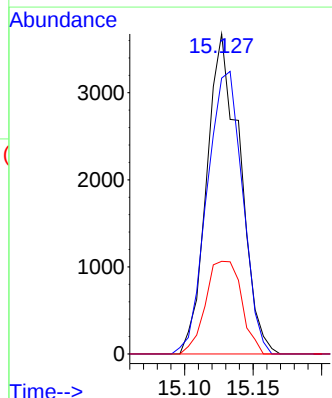
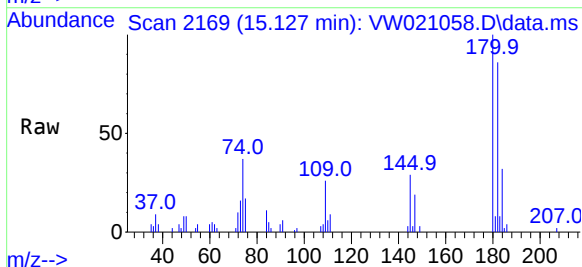
Tgt Ion:180 Resp: 6187

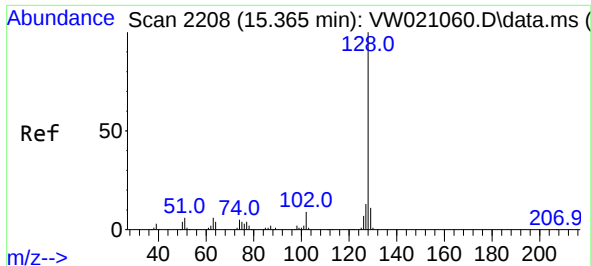
Ion Ratio Lower Upper

180 100

182 94.3 79.0 118.6

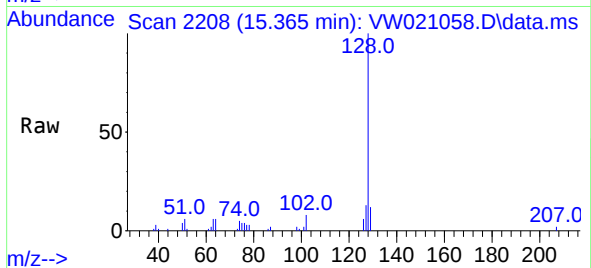
145 31.4 26.0 39.0



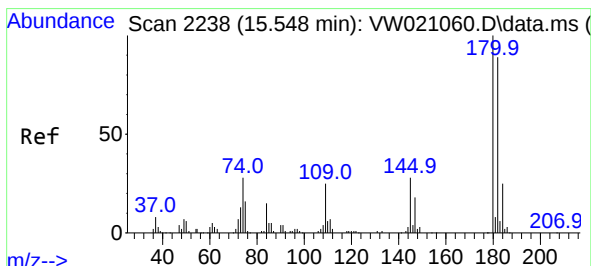
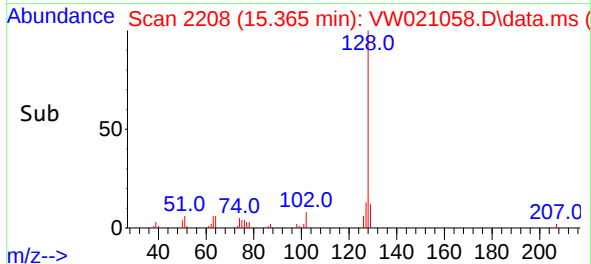
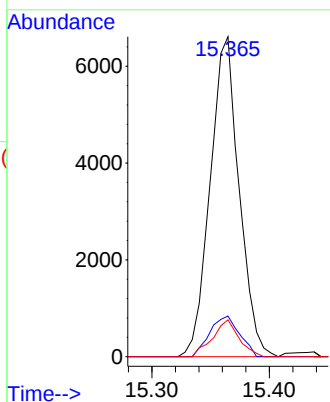


#71
Naphthalene
Concen: 2.624 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 11313
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.5 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.730 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW021058.D
Acq: 03 Dec 2021 11:20

Tgt Ion:180 Resp: 5529
Ion Ratio Lower Upper
180 100
182 96.0 76.6 114.8
145 29.6 27.4 41.0

