

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021240.D
 Acq On : 09 Dec 2021 11:58
 Operator : SY/VA
 Sample : VSTD2.531
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 15:08:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	105884	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	97228	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	54826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	3864	2.441	ug/L	0.00
7) Chloroethane-d5	2.885	69	2548	2.416	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	5731	2.407	ug/L	0.00
21) 2-Butanone-d5	7.080	46	489	1.508	ug/L	0.00
24) Chloroform-d	7.653	84	6373	2.390	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	3509	2.458	ug/L	0.00
32) Benzene-d6	8.281	84	11984	2.418	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	3489	2.574	ug/L	0.00
41) Toluene-d8	10.323	98	12543	2.471	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1280	2.052	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	916	3.691	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	2841	2.267	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	4844	2.470	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	616	1.277	ug/L	# 65
3) Chloromethane	2.215	50	3263	2.761	ug/L	94
5) Vinyl chloride	2.361	62	5308	2.662	ug/L	96
6) Bromomethane	2.782	94	3557	2.644	ug/L	95
8) Chloroethane	2.922	64	2427	2.820	ug/L	96
9) Trichlorofluoromethane	3.263	101	3163	3.202	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	3715	2.518	ug/L	# 80
12) 1,1-Dichloroethene	4.037	96	3305	2.428	ug/L	80
13) Acetone	4.129	43	1795	6.120	ug/L	83
14) Carbon disulfide	4.379	76	7614	2.104	ug/L	98
15) Methyl Acetate	4.671	43	1303	2.528	ug/L	# 80
16) Methylene chloride	4.915	84	7401	4.581	ug/L	86
17) trans-1,2-Dichloroethene	5.427	96	3274	2.291	ug/L	81
18) Methyl tert-butyl Ether	5.415	73	1956	0.932	ug/L	96
19) 1,1-Dichloroethane	6.226	63	5471	2.428	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	3584	2.380	ug/L	# 59
22) 2-Butanone	7.183	43	1883	4.637	ug/L	79
23) Bromochloromethane	7.519	128	1507	2.147	ug/L	# 72
25) Chloroform	7.677	83	6401	2.537	ug/L	96
27) 1,2-Dichloroethane	8.403	62	3924	2.382	ug/L	99
29) Cyclohexane	7.957	56	4985	2.416	ug/L	# 81
30) 1,1,1-Trichloroethane	7.872	97	5432	2.439	ug/L	96
31) Carbon tetrachloride	8.073	117	4978	2.451	ug/L	99
33) Benzene	8.323	78	13957	2.596	ug/L	100
34) Trichloroethene	9.091	95	3851	2.595	ug/L	93
35) Methylcyclohexane	9.335	83	6171	2.459	ug/L	# 83
37) 1,2-Dichloropropane	9.366	63	3054	2.543	ug/L	98
38) Bromodichloromethane	9.646	83	3764	2.230	ug/L	# 94
39) cis-1,3-Dichloropropene	10.073	75	3956	2.039	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	3665	4.679	ug/L	# 93
42) Toluene	10.390	91	14503	2.358	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	3352	1.944	ug/L	93

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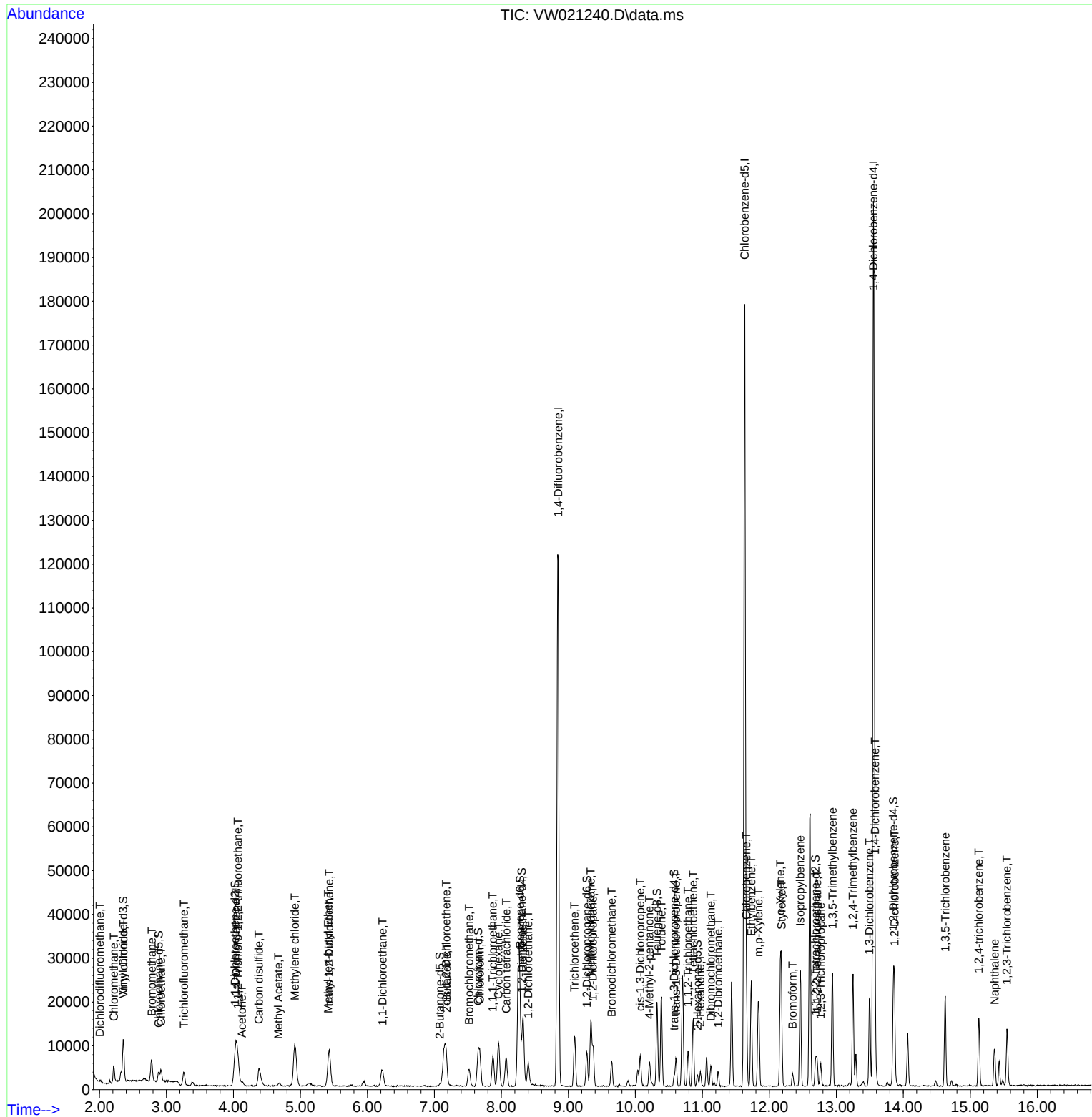
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	2346	2.307	ug/L	95
46) Tetrachloroethene	10.866	164	3364	2.405	ug/L	90
48) 2-Hexanone	10.969	43	2249	3.977	ug/L #	96
49) Dibromochloromethane	11.128	129	2526	2.031	ug/L	88
50) 1,2-Dibromoethane	11.237	107	2300	2.264	ug/L #	97
51) Chlorobenzene	11.658	112	10360	2.503	ug/L	94
52) Ethylbenzene	11.731	91	16433	2.334	ug/L	98
53) m,p-Xylene	11.841	106	6695	2.301	ug/L	80
54) o-Xylene	12.164	106	6212	2.270	ug/L	82
55) Styrene	12.182	104	9565	2.042	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	2479	2.056	ug/L #	82
59) Bromoform	12.347	173	1284	1.782	ug/L #	88
60) Isopropylbenzene	12.463	105	17186	2.320	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	2017	2.341	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	14003	2.246	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	13620	2.178	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	8334	2.397	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	8769	2.543	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	7537	2.437	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	6505	2.536	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	5377	2.656	ug/L	97
71) Naphthalene	15.365	128	8078	2.151	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	4393	2.445	ug/L	100

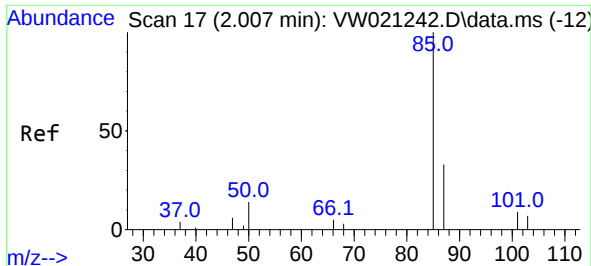
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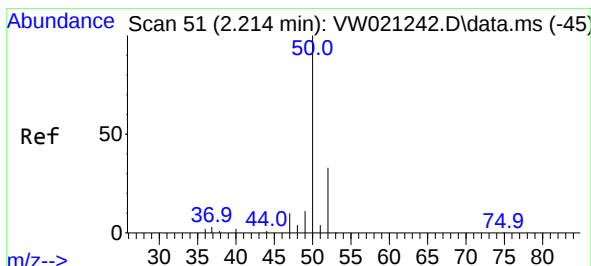
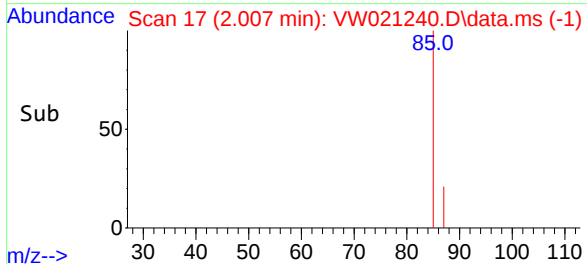
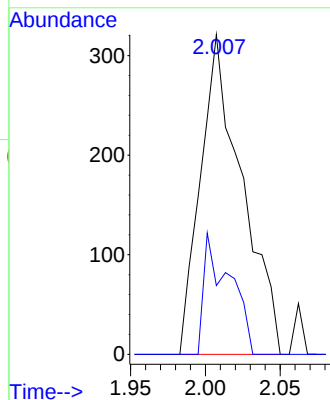
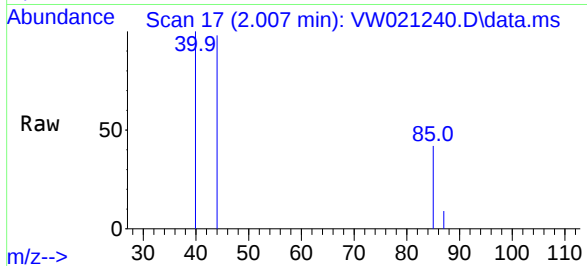




#2
Dichlorodifluoromethane
Concen: 1.277 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

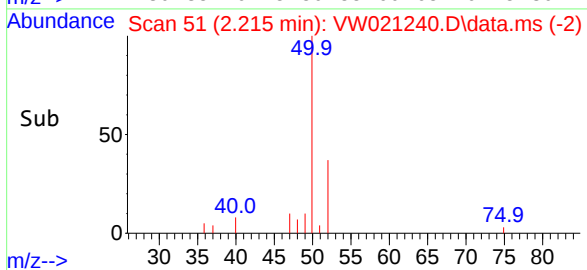
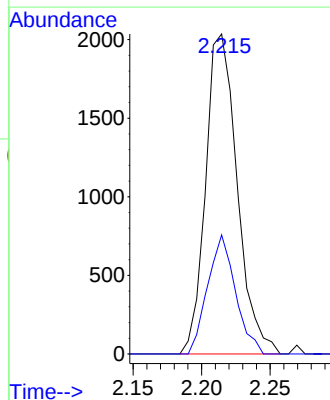
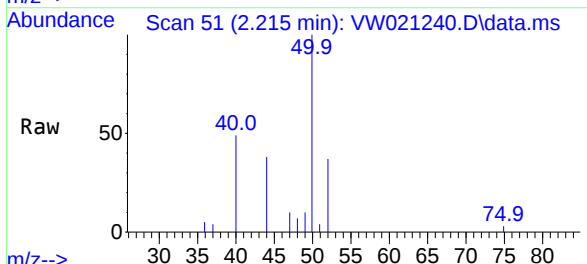
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ClientSampleId :

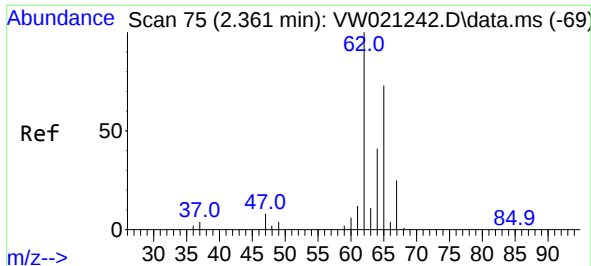
Tgt Ion: 85 Resp: 616
Ion Ratio Lower Upper
85 100
87 12.5 25.8 38.6#



#3
Chloromethane
Concen: 2.761 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 50 Resp: 3263
Ion Ratio Lower Upper
50 100
52 37.2 23.4 43.6

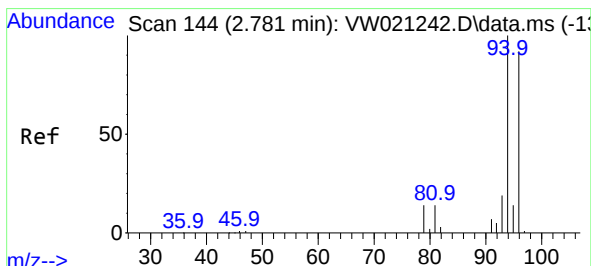
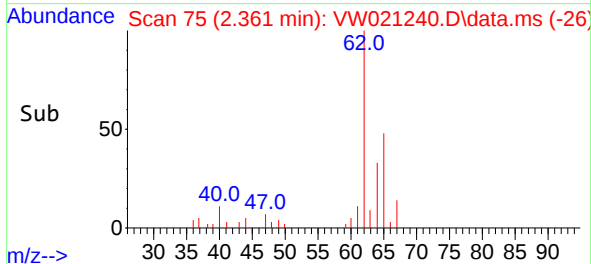
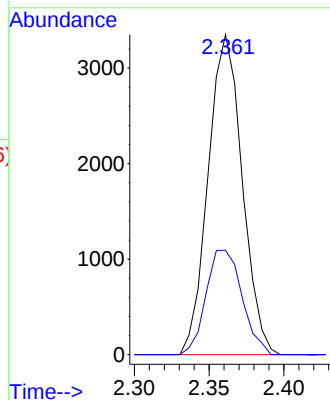
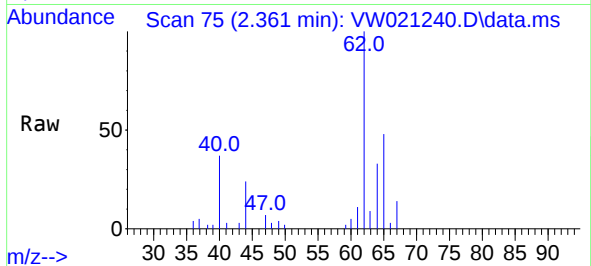




#5
 Vinyl chloride
 Concen: 2.662 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021240.D
 Acq: 09 Dec 2021 11:58

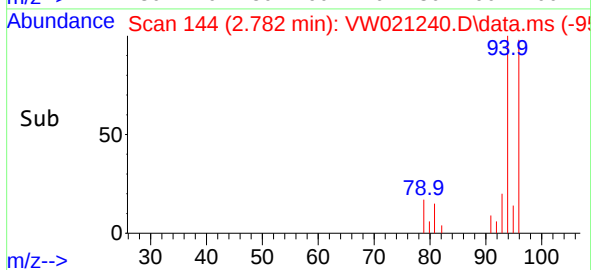
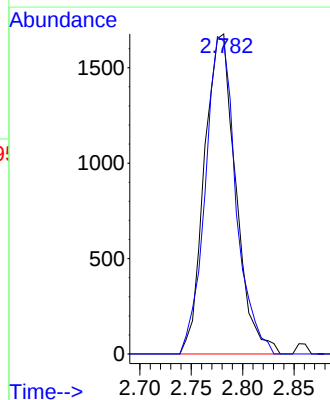
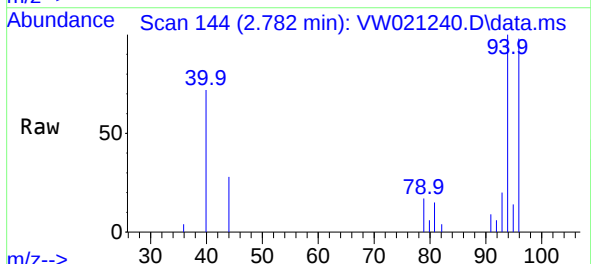
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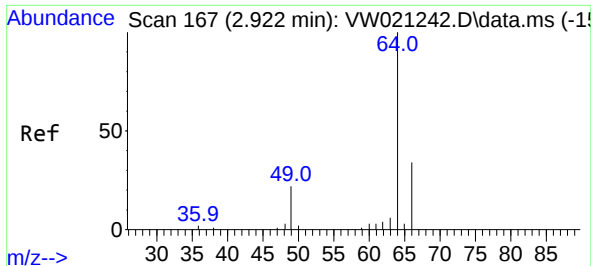
Tgt Ion: 62 Resp: 5308
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.4 45.2



#6
 Bromomethane
 Concen: 2.644 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021240.D
 Acq: 09 Dec 2021 11:58

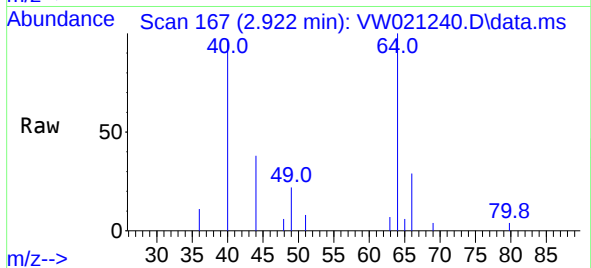
Tgt Ion: 94 Resp: 3557
 Ion Ratio Lower Upper
 94 100
 96 97.8 64.8 120.4



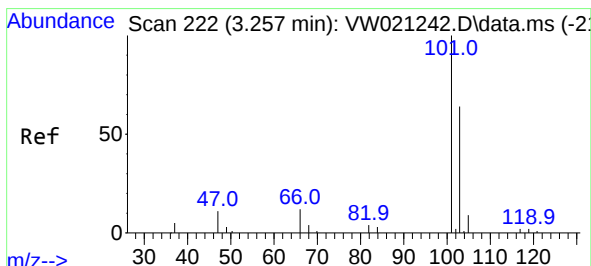
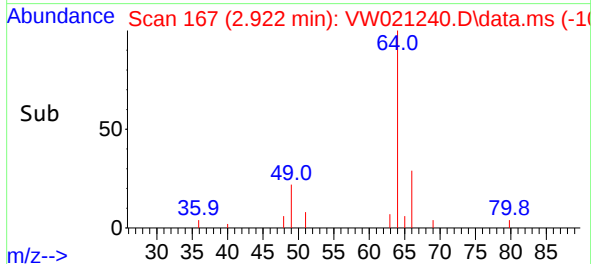
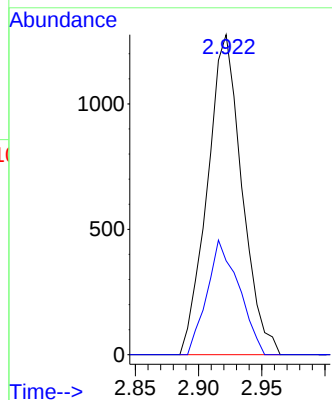


#8
Chloroethane
Concen: 2.820 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Instrument :
MSVOA_W
ClientSampleId :

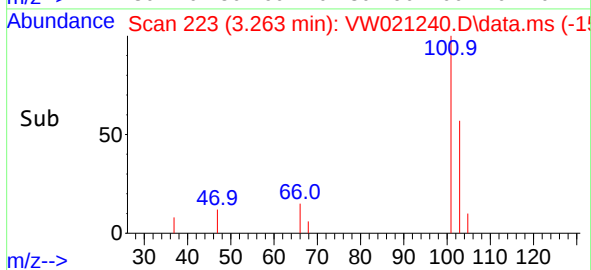
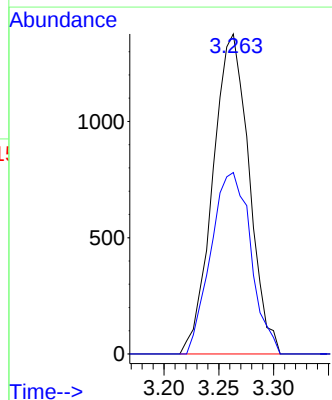
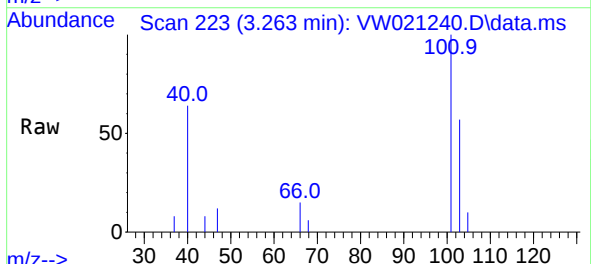


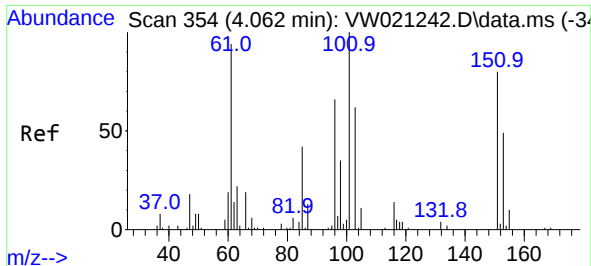
Tgt Ion: 64 Resp: 2427
Ion Ratio Lower Upper
64 100
66 29.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 3.202 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 101 Resp: 3163
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.518 ug/L

RT: 4.068 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

ClientSampleId :

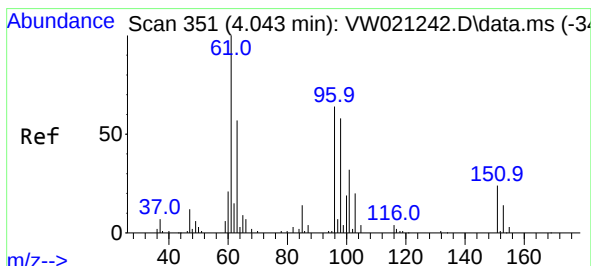
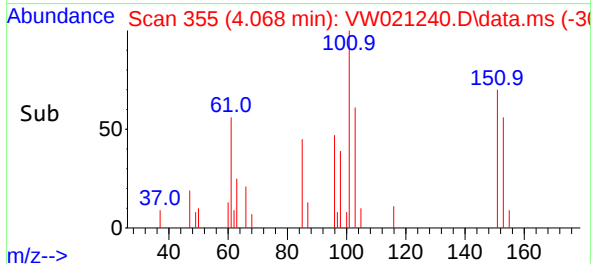
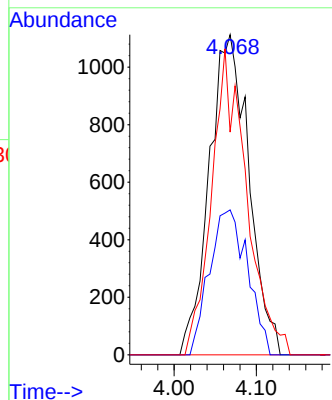
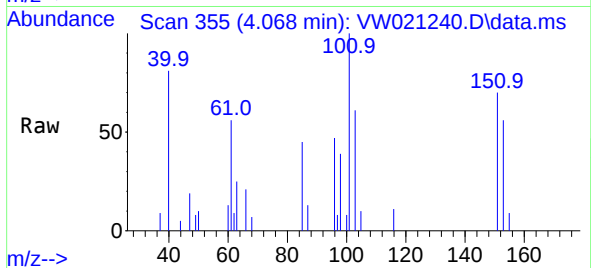
Tgt Ion:101 Resp: 3715

Ion Ratio Lower Upper

101 100

85 43.8 36.6 54.8

151 45.9 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 2.428 ug/L

RT: 4.037 min Scan# 350

Delta R.T. -0.006 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

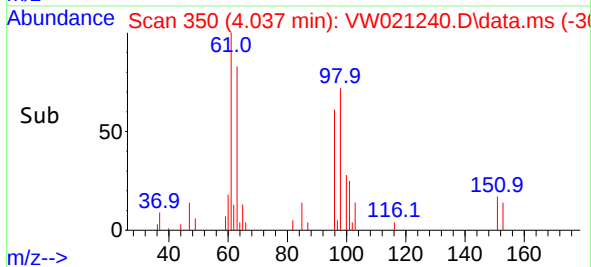
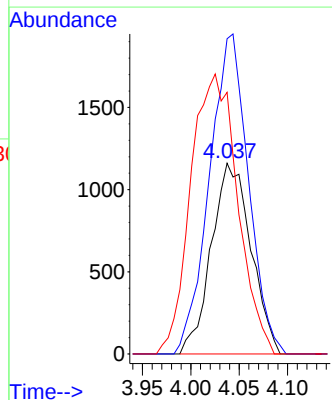
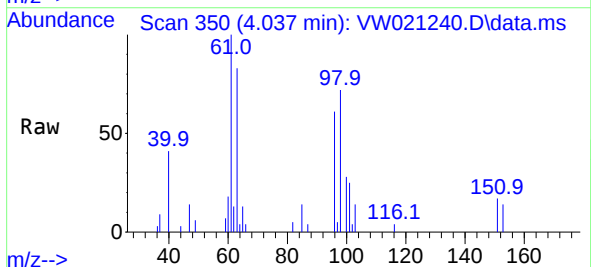
Tgt Ion: 96 Resp: 3305

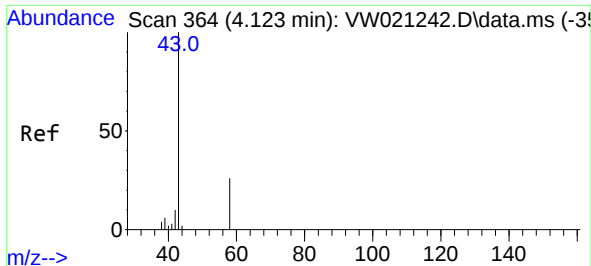
Ion Ratio Lower Upper

96 100

61 165.2 138.3 256.9

63 137.1 82.6 153.4

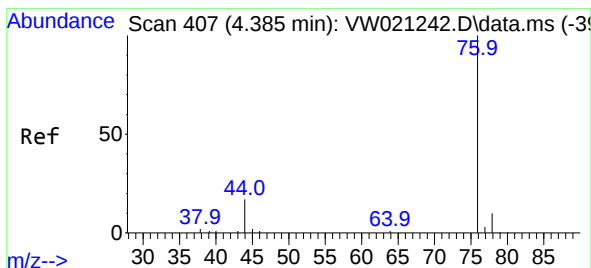
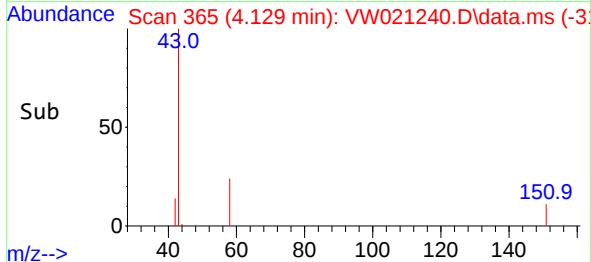
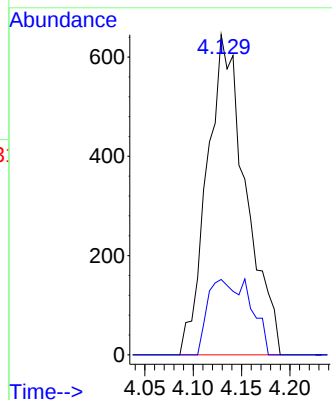
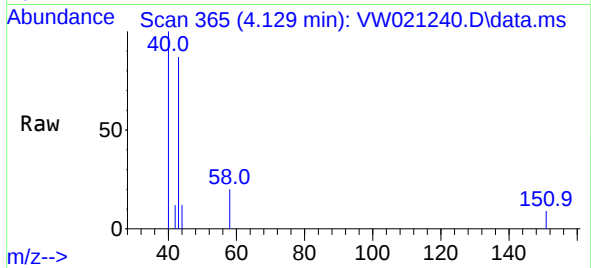




#13
Acetone
Concen: 6.120 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

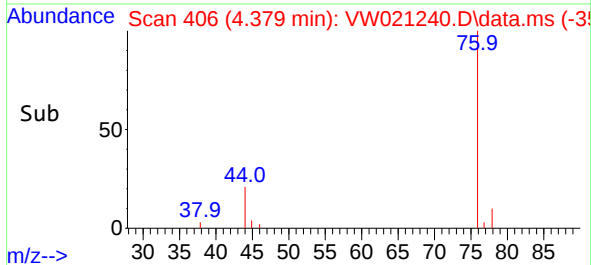
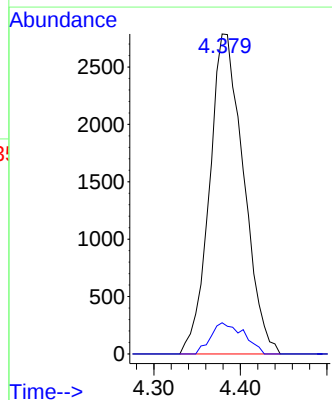
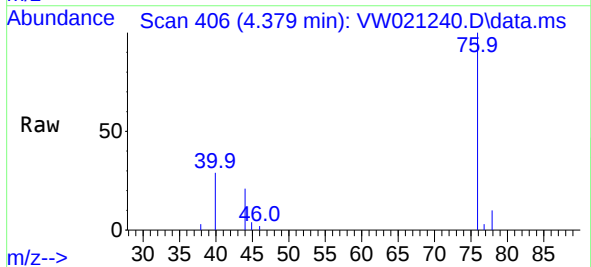
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MSVOA_W
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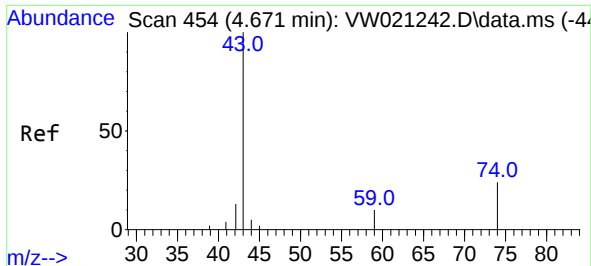
Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 17.8 0.0 52.8



#14
Carbon disulfide
Concen: 2.104 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 76 Resp: 7614
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

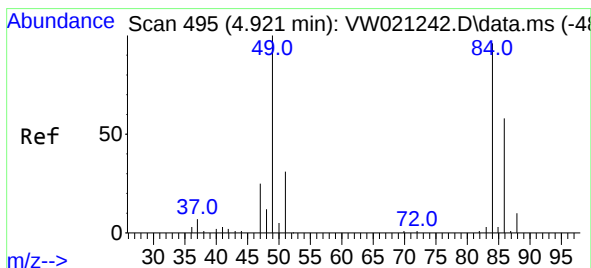
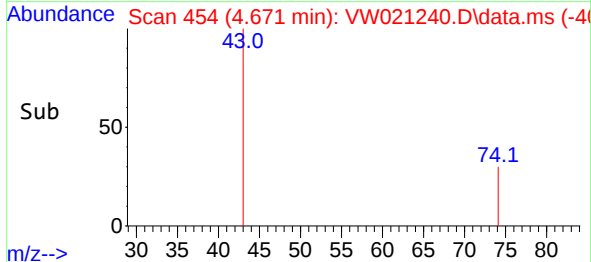
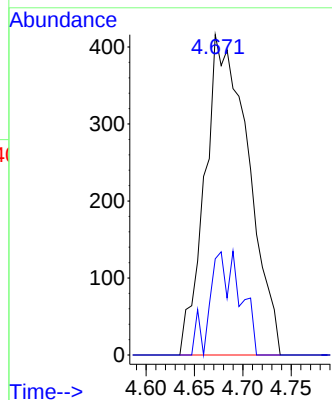
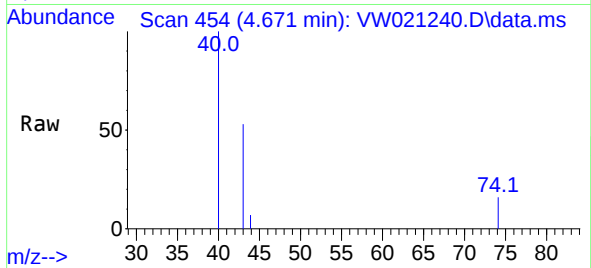




#15
Methyl Acetate
Concen: 2.528 ug/L
RT: 4.671 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

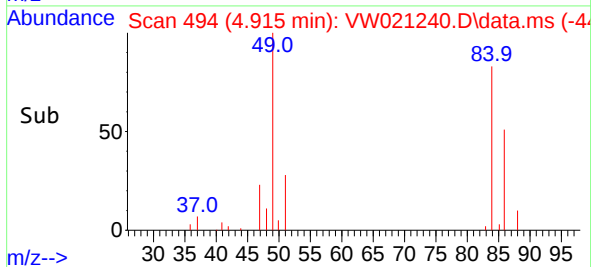
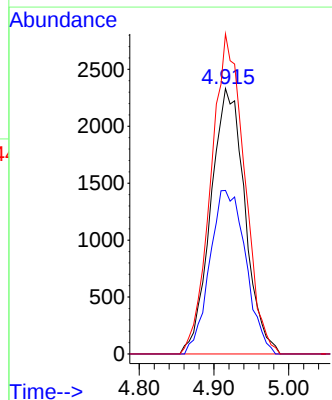
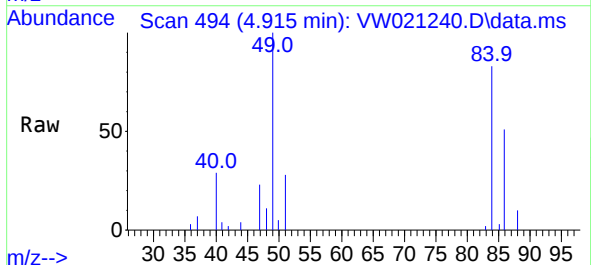
Instrument :
MSVOA_W
ClientSampleId :

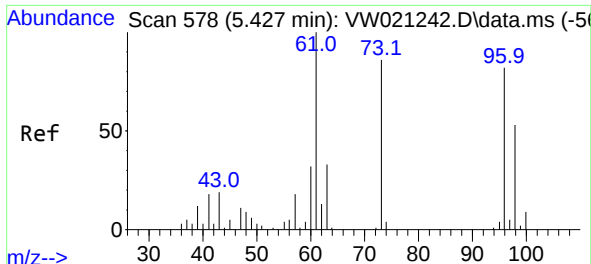
Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
74 11.2 16.4 24.6#



#16
Methylene chloride
Concen: 4.581 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 84 Resp: 7401
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 120.5 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 2.291 ug/L

RT: 5.427 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

ClientSampleId :

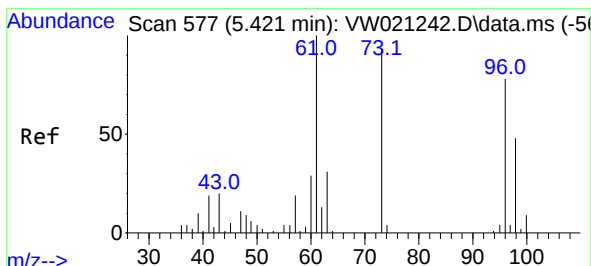
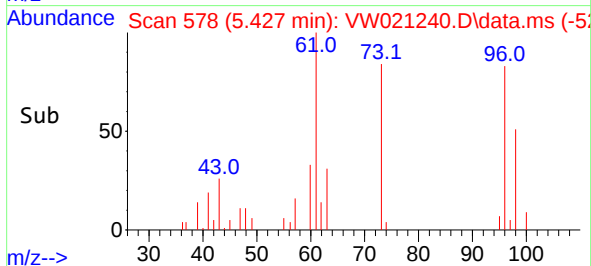
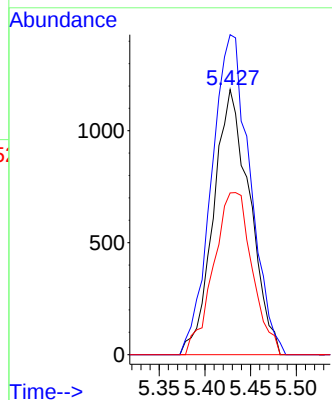
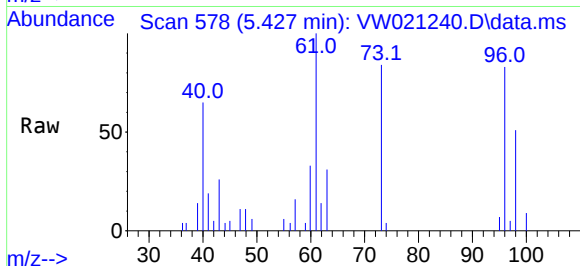
Tgt Ion: 96 Resp: 3274

Ion Ratio Lower Upper

96 100

61 120.7 107.4 199.4

98 61.0 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 0.932 ug/L

RT: 5.415 min Scan# 576

Delta R.T. -0.006 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

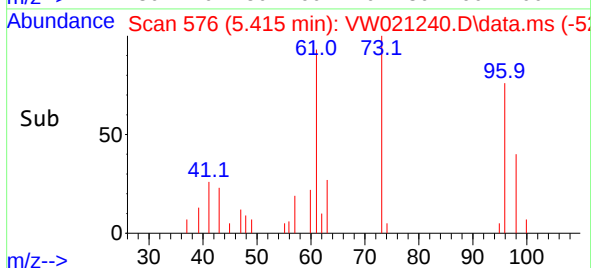
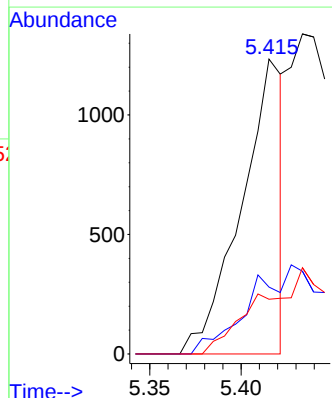
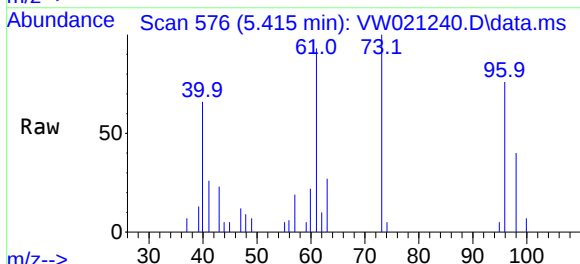
Tgt Ion: 73 Resp: 1956

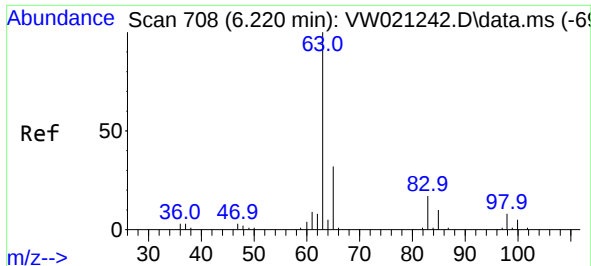
Ion Ratio Lower Upper

73 100

43 25.8 19.5 29.3

57 21.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 2.428 ug/L

RT: 6.226 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

ClientSampleId :

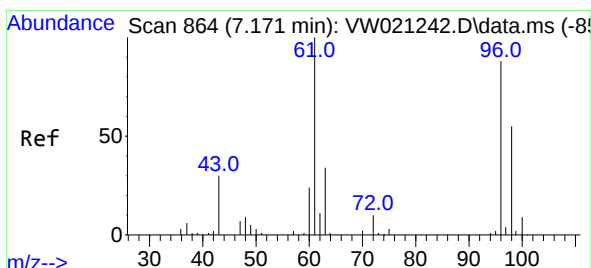
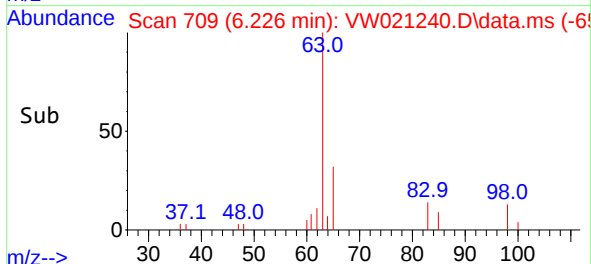
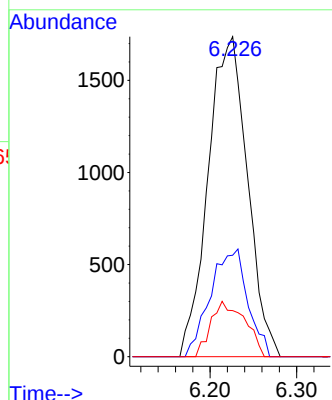
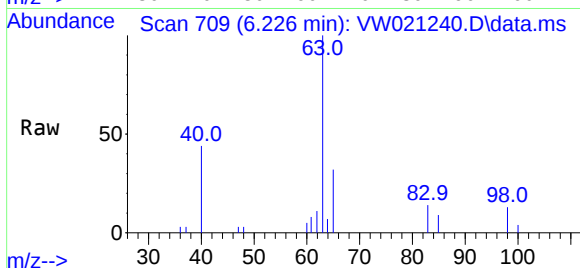
Tgt Ion: 63 Resp: 5471

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 14.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 2.380 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

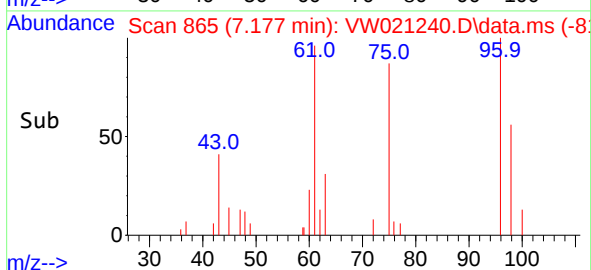
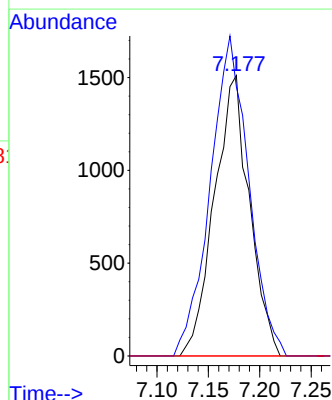
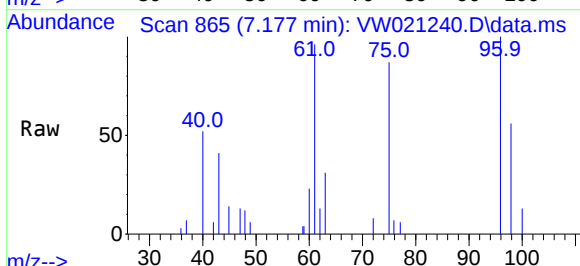
Tgt Ion: 96 Resp: 3584

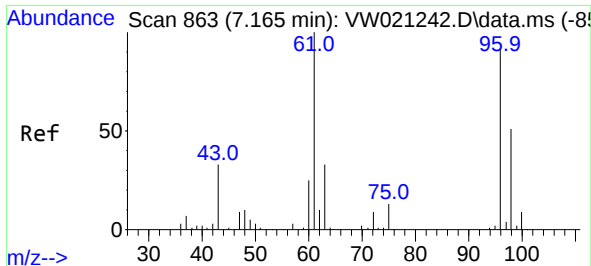
Ion Ratio Lower Upper

96 100

61 96.0 103.7 192.7#

68 0.0 0.0 0.0

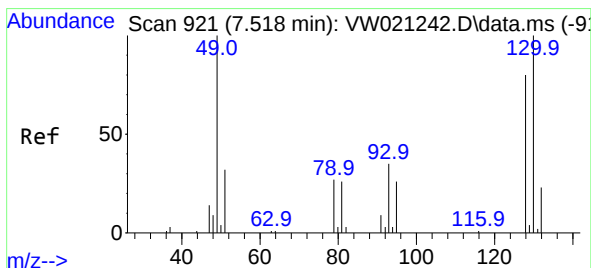
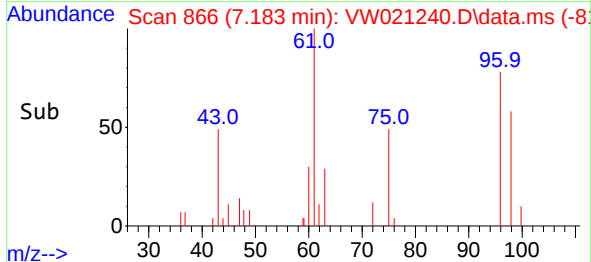
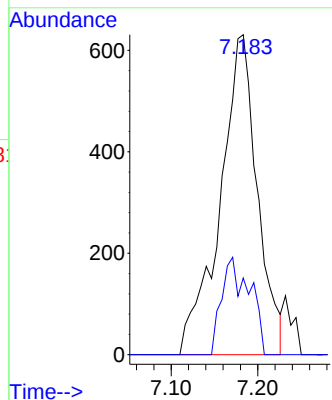
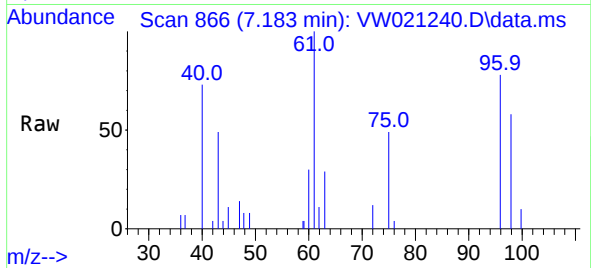




#22
2-Butanone
Concen: 4.637 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

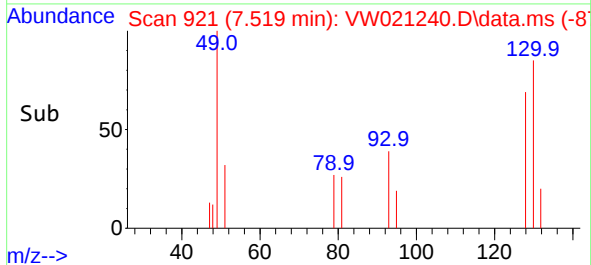
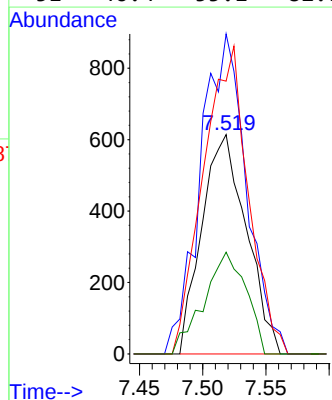
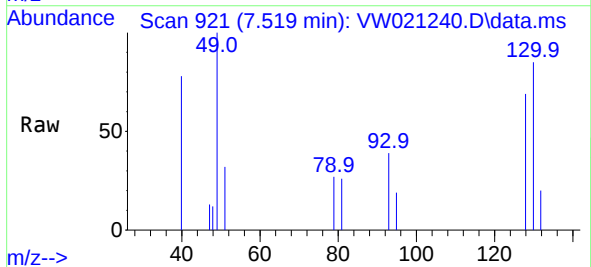
Instrument :
MSVOA_W
ClientSampleId :

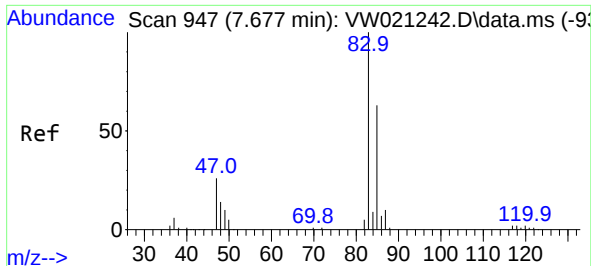
Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
72 13.2 11.8 35.4



#23
Bromochloromethane
Concen: 2.147 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 128 Resp: 1507
Ion Ratio Lower Upper
128 100
49 145.9 150.3 279.1#
130 124.4 88.3 163.9
51 46.4 55.1 82.7#

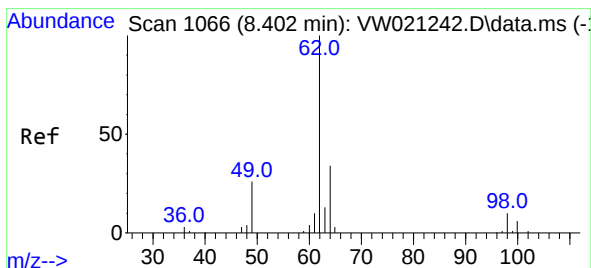
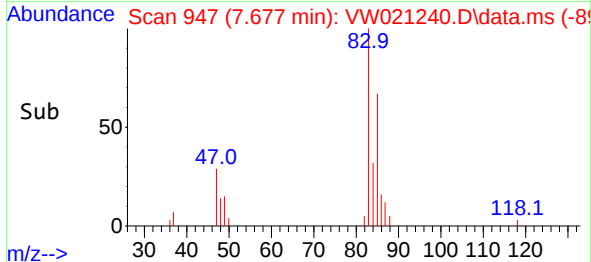
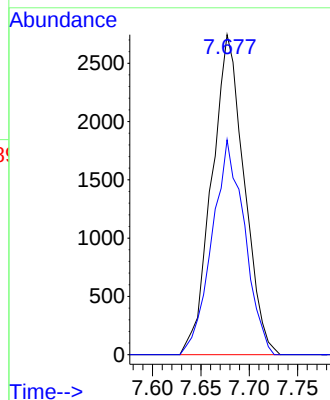
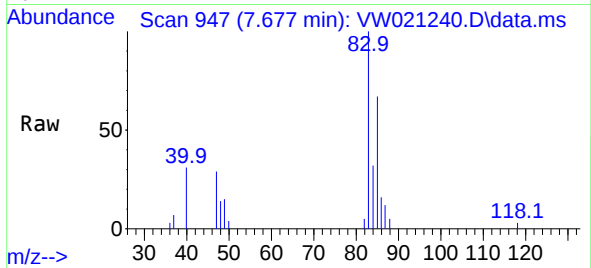




#25
Chloroform
Concen: 2.537 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

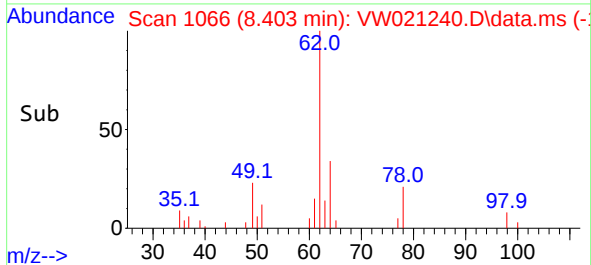
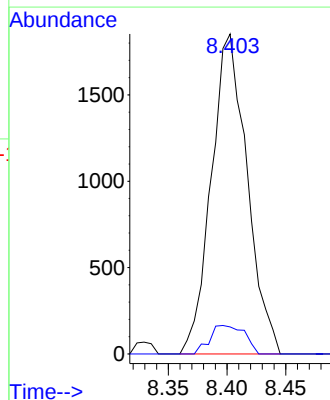
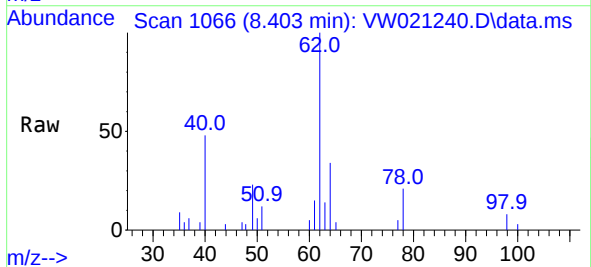
Instrument :
MSVOA_W
ClientSampleId :

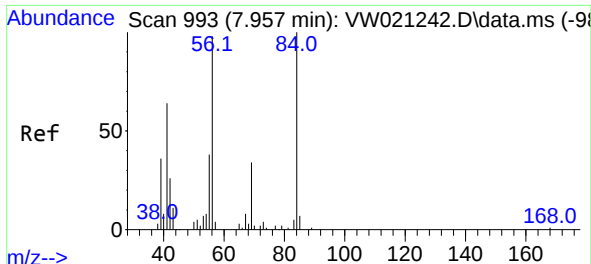
Tgt Ion: 83 Resp: 6401
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 2.382 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 62 Resp: 3924
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7





#29

Cyclohexane

Concen: 2.416 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.000 min

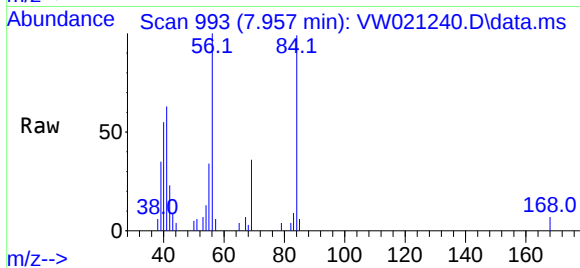
Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

ClientSampleId :



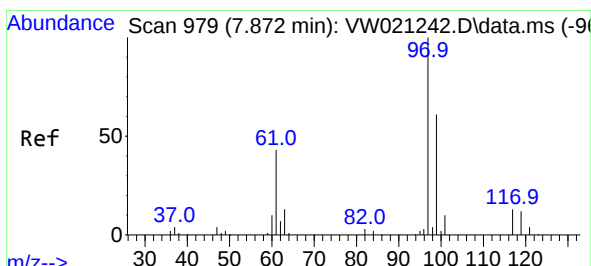
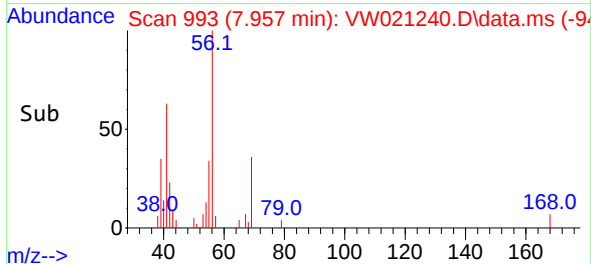
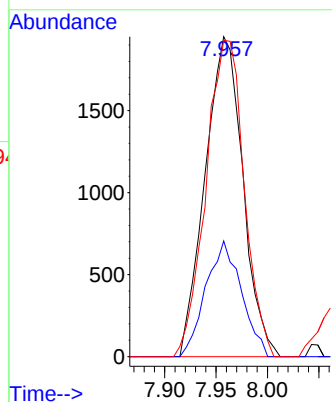
Tgt Ion: 56 Resp: 4985

Ion Ratio Lower Upper

56 100

69 34.0 23.5 35.3

84 99.7 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 2.439 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

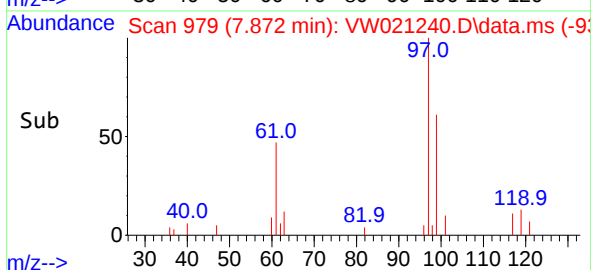
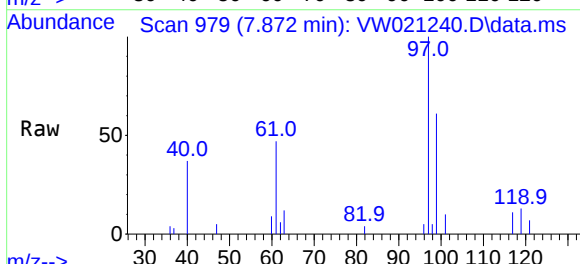
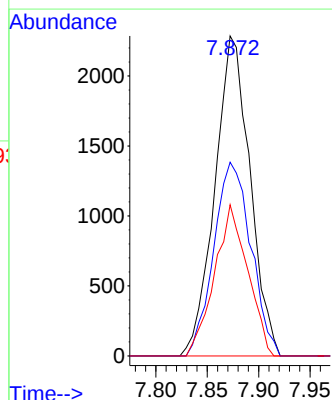
Tgt Ion: 97 Resp: 5432

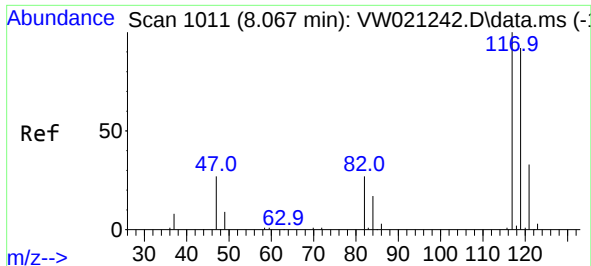
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 44.6 40.9 61.3

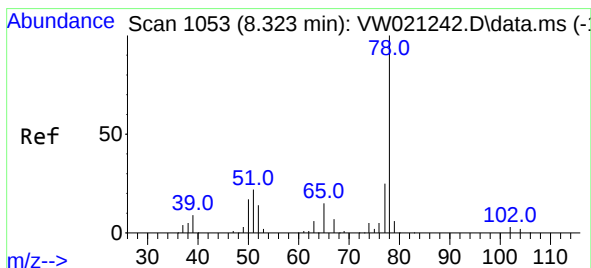
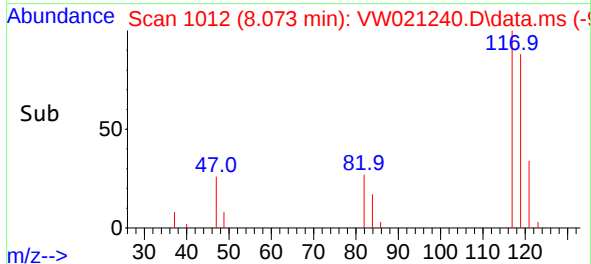
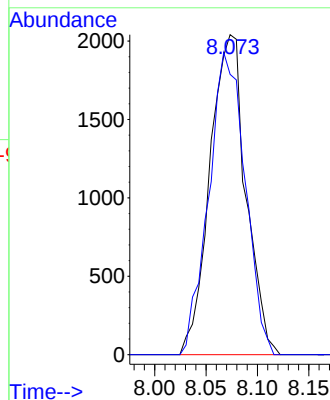
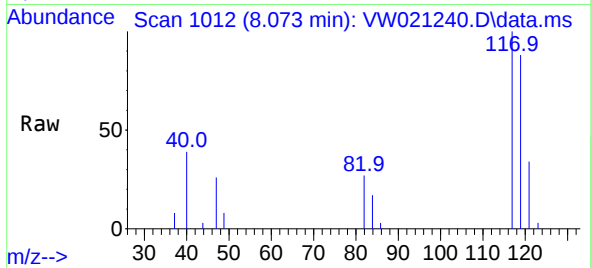




#31
Carbon tetrachloride
Concen: 2.451 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

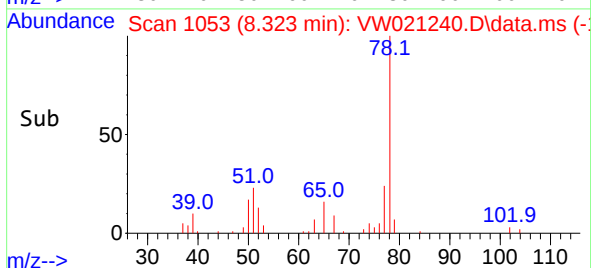
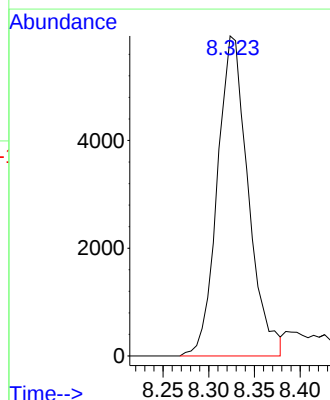
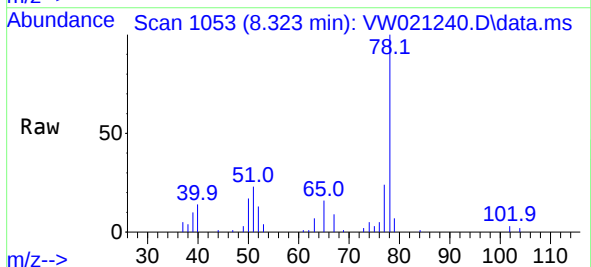
Instrument :
MSVOA_W
ClientSampleId :

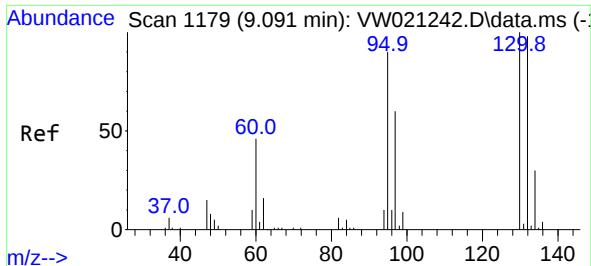
Tgt Ion:117 Resp: 4978
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5



#33
Benzene
Concen: 2.596 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

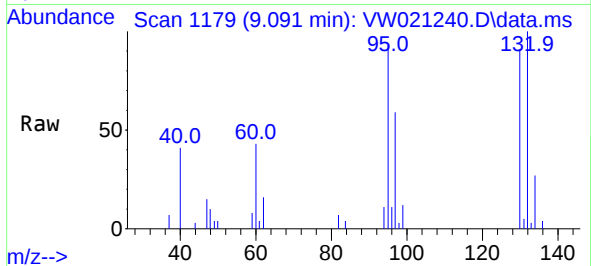
Tgt Ion: 78 Resp: 13957





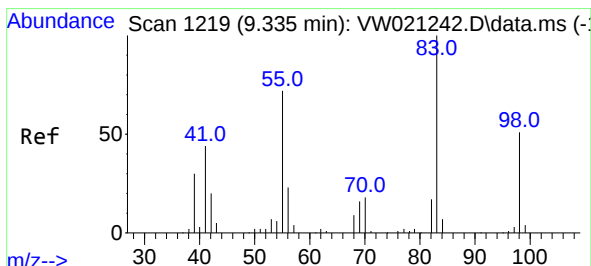
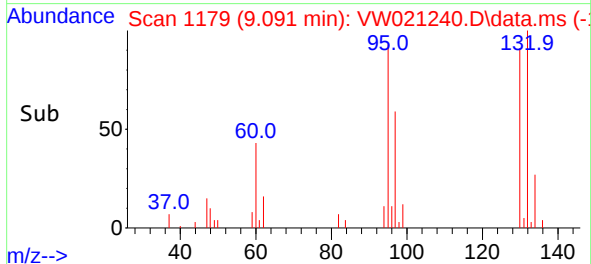
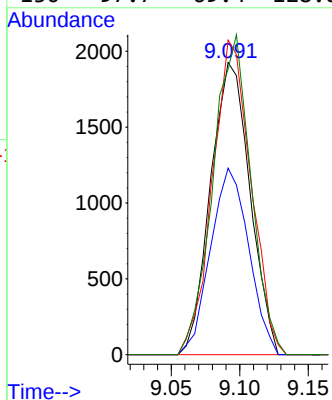
#34
Trichloroethene
Concen: 2.595 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 3851

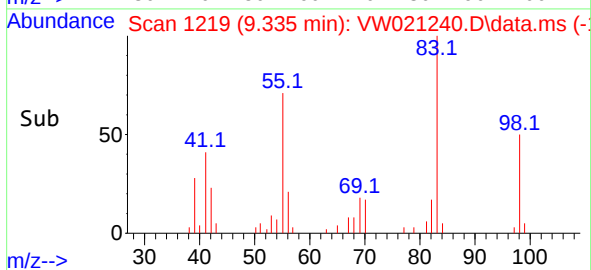
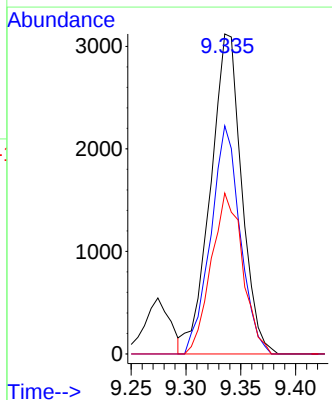
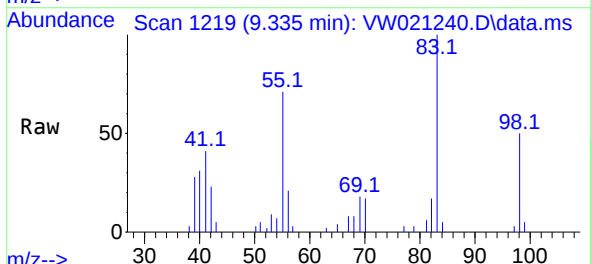
Ion	Ratio	Lower	Upper
95	100		
97	63.8	47.0	87.2
132	107.6	65.5	121.6
130	97.7	69.4	128.8

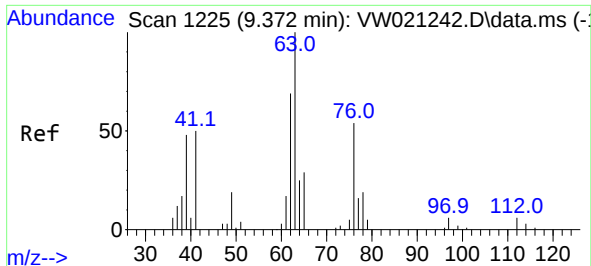


#35
Methylcyclohexane
Concen: 2.459 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 83 Resp: 6171

Ion	Ratio	Lower	Upper
83	100		
55	67.4	70.8	106.2
98	50.8	37.7	56.5





#37

1,2-Dichloropropane

Concen: 2.543 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

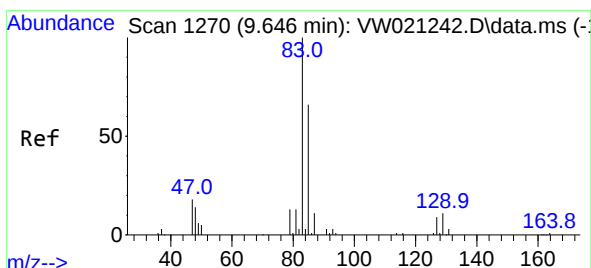
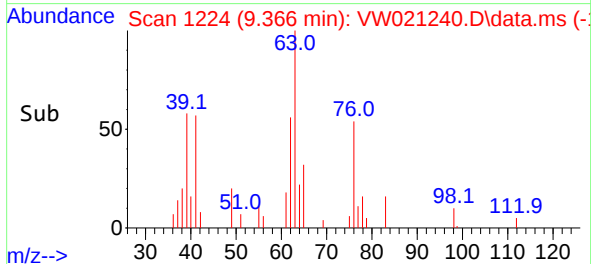
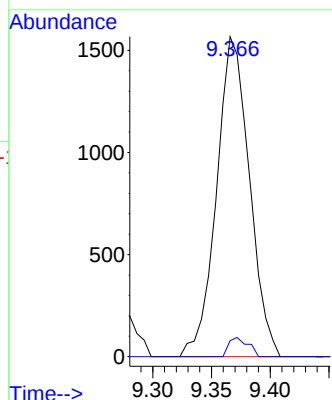
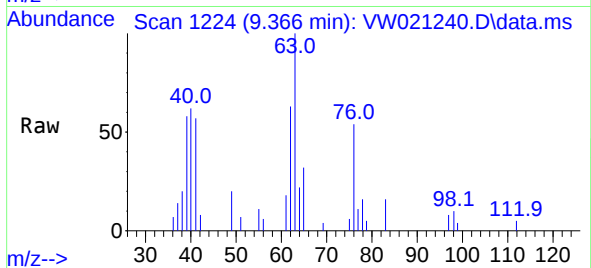
ClientSampleId :

Tgt Ion: 63 Resp: 3054

Ion Ratio Lower Upper

63 100

112 3.5 3.2 4.8



#38

Bromodichloromethane

Concen: 2.230 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

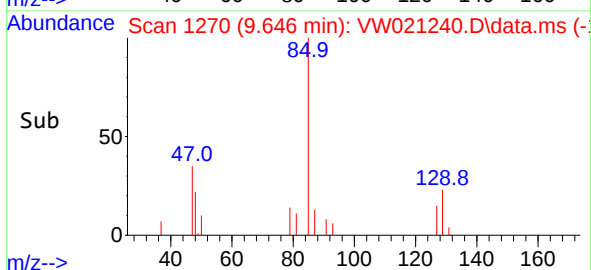
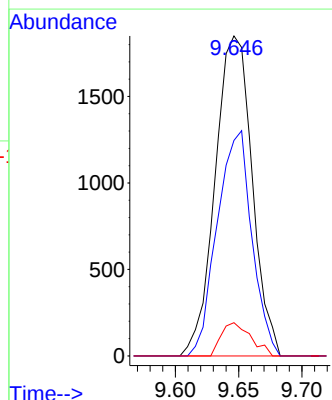
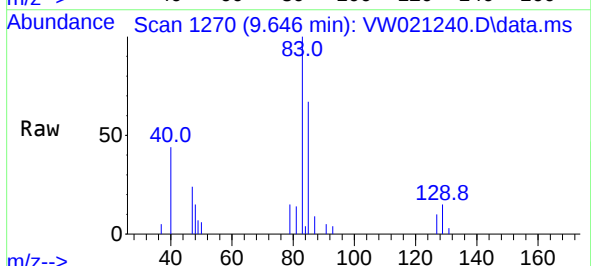
Tgt Ion: 83 Resp: 3764

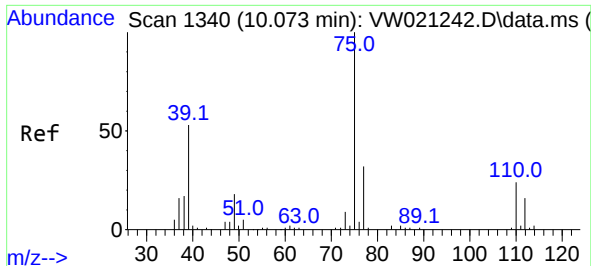
Ion Ratio Lower Upper

83 100

85 67.4 44.1 81.9

127 10.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 2.039 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

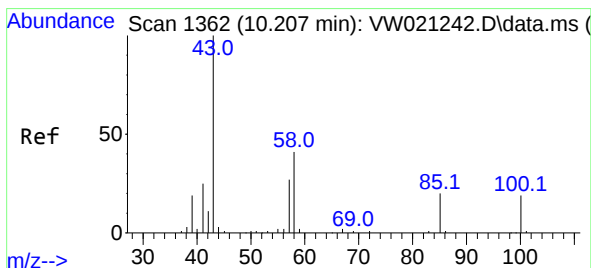
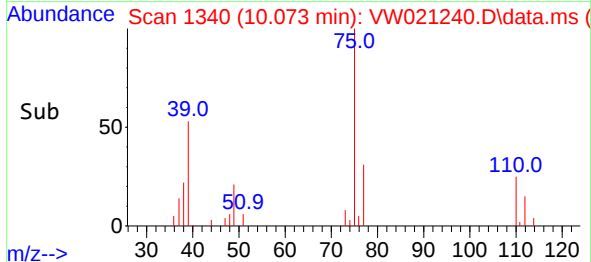
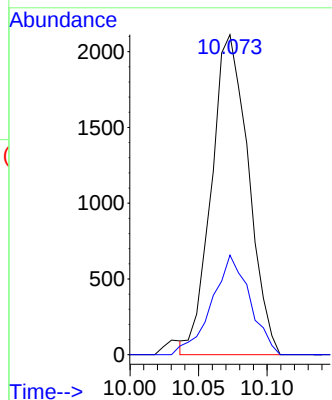
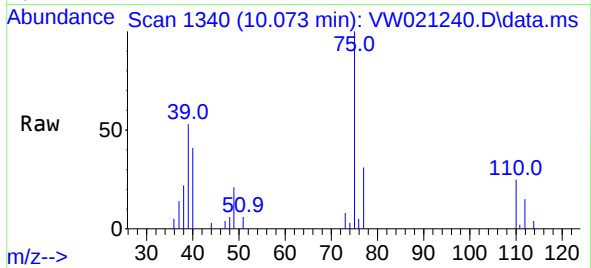
ClientSampleId :

Tgt Ion: 75 Resp: 3956

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 4.679 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

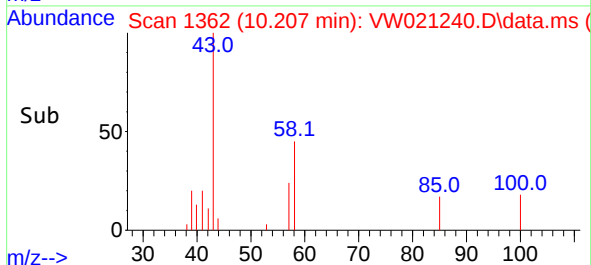
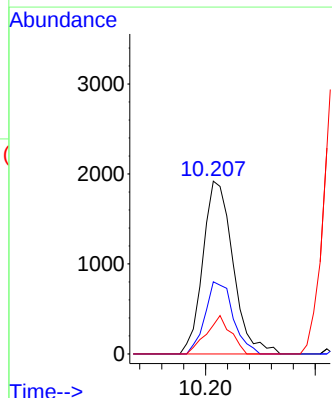
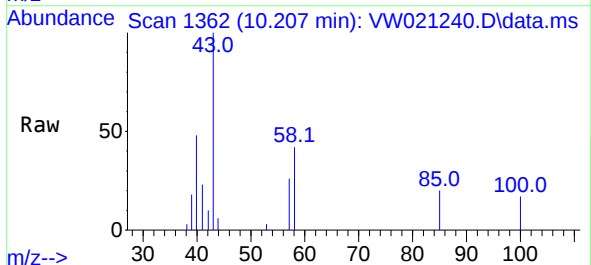
Tgt Ion: 43 Resp: 3665

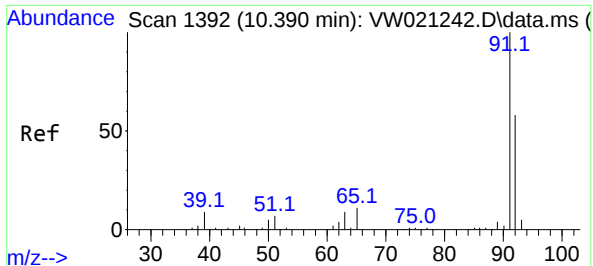
Ion Ratio Lower Upper

43 100

58 38.7 28.8 43.2

100 17.8 10.0 15.0#





#42

Toluene

Concen: 2.358 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

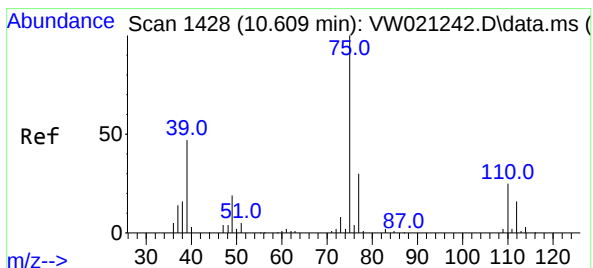
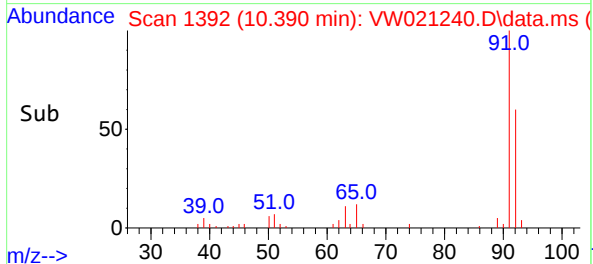
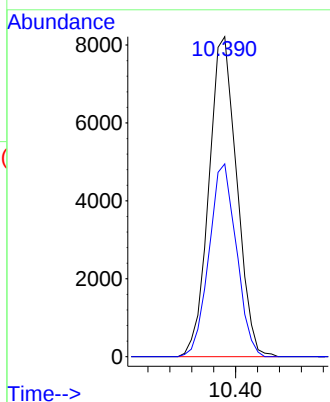
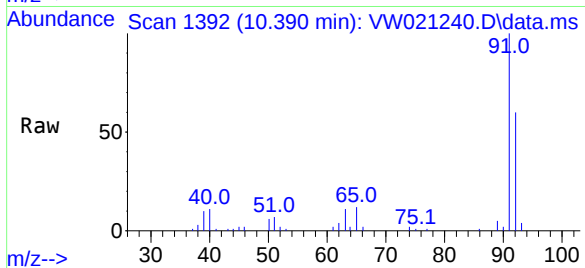
ClientSampleId :

Tgt Ion: 91 Resp: 14503

Ion Ratio Lower Upper

91 100

92 60.3 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 1.944 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.000 min

Lab File: VW021240.D

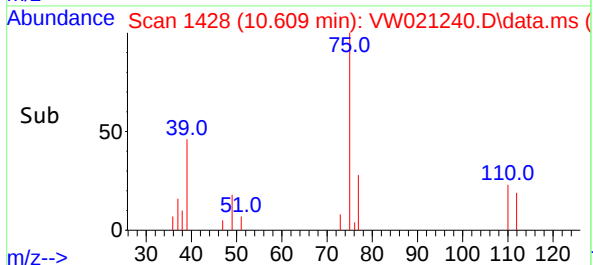
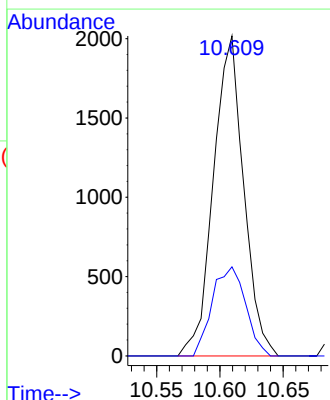
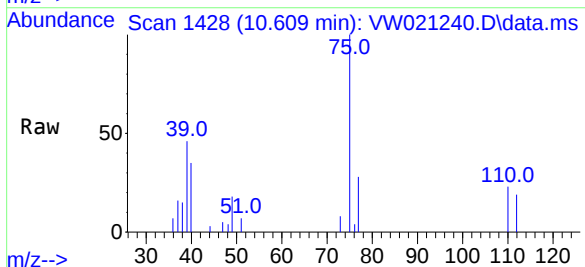
Acq: 09 Dec 2021 11:58

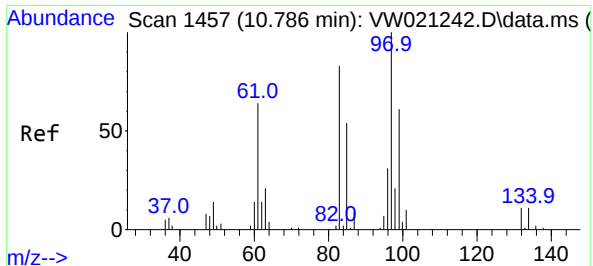
Tgt Ion: 75 Resp: 3352

Ion Ratio Lower Upper

75 100

77 27.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 2.307 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 2346

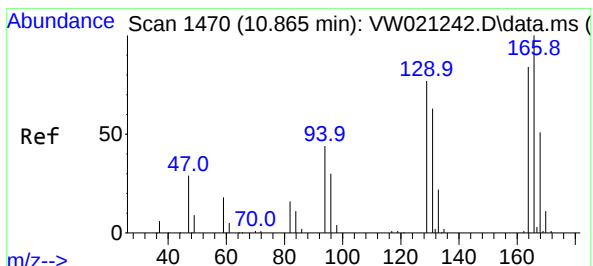
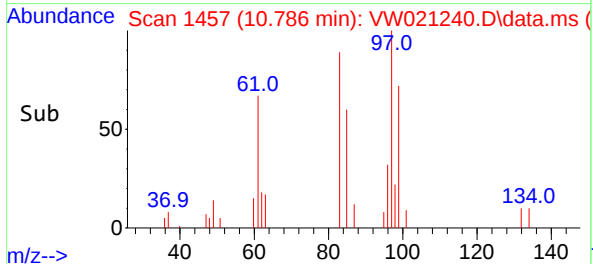
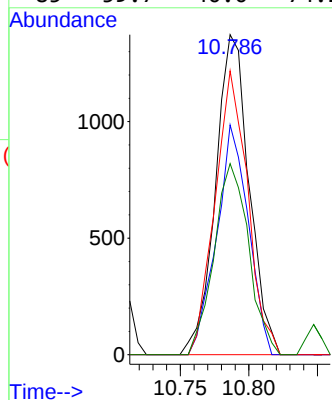
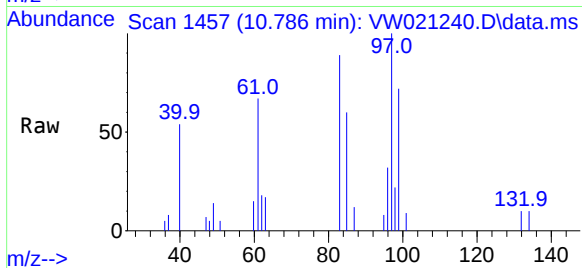
Ion Ratio Lower Upper

97 100

99 71.8 43.0 79.8

83 88.7 62.6 116.3

85 59.7 40.0 74.2



#46

Tetrachloroethene

Concen: 2.405 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Tgt Ion:164 Resp: 3364

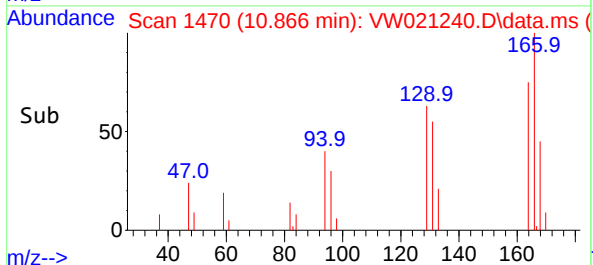
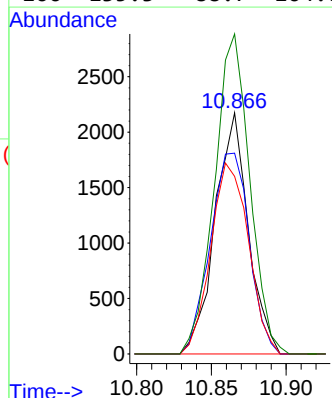
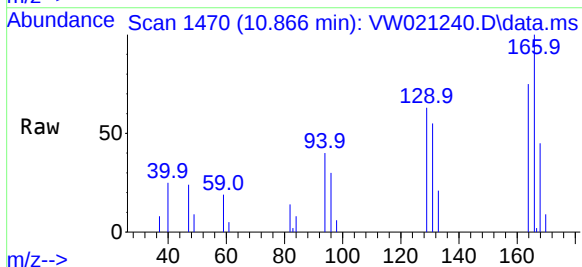
Ion Ratio Lower Upper

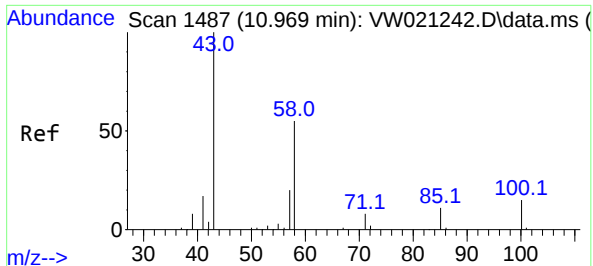
164 100

129 83.3 65.5 121.7

131 73.6 59.7 110.9

166 135.3 88.7 164.7

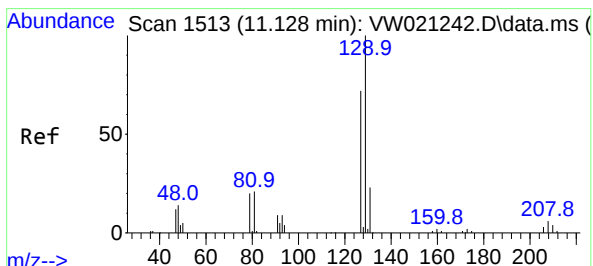
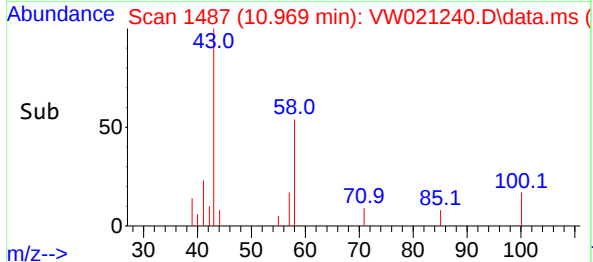
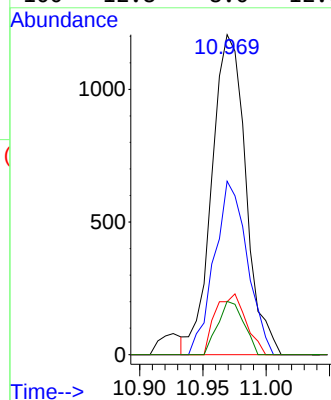
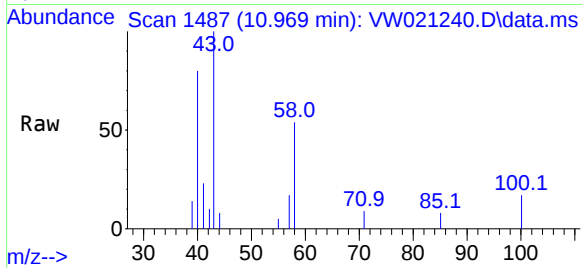




#48
2-Hexanone
Concen: 3.977 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

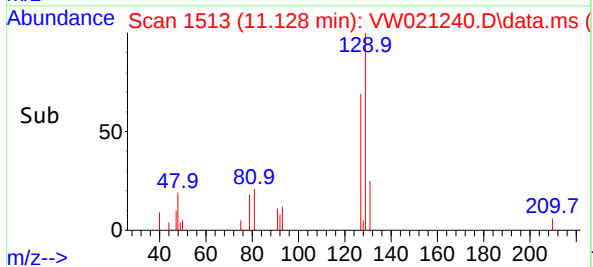
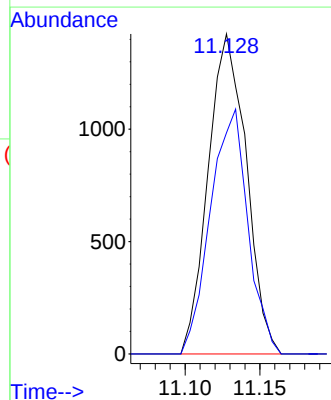
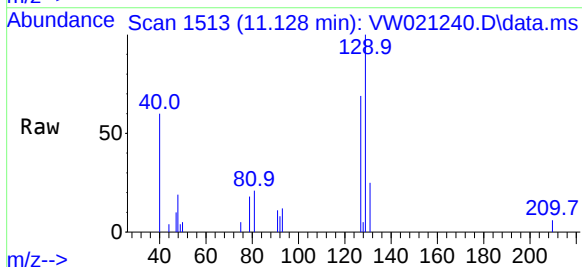
Instrument :
MSVOA_W
ClientSampleId :

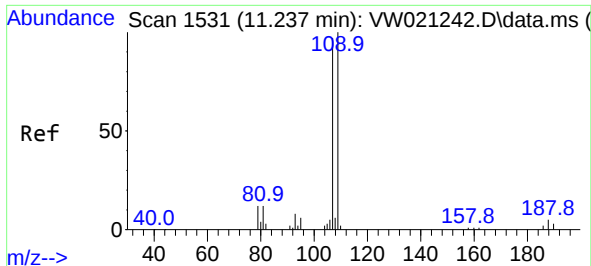
Tgt Ion: 43	Resp: 2249
Ion Ratio	Lower Upper
43 100	
58 52.6	40.2 60.2
57 17.1	14.3 21.5
100 12.8	8.0 12.0#



#49
Dibromochloromethane
Concen: 2.031 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion:129	Resp:	2526	
Ion	Ratio	Lower	Upper
129	100		
127	69.1	55.7	103.5





#50

1,2-Dibromoethane

Concen: 2.264 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021240.D

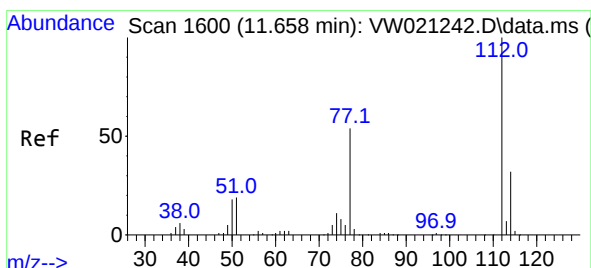
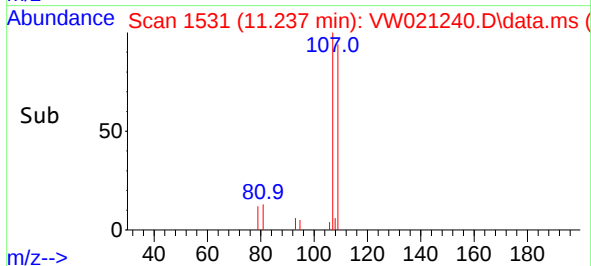
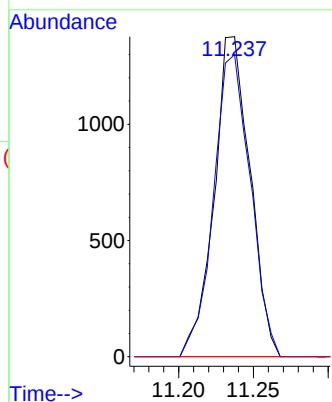
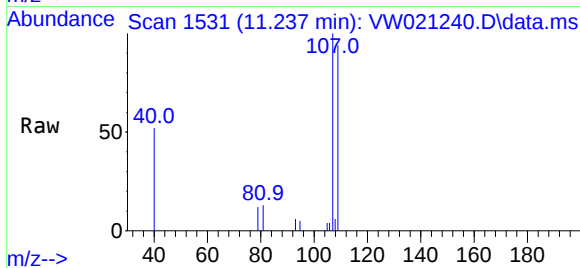
Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	2300
Ion	Ratio	Lower	Upper
107	100		
109	94.4	64.1	119.1
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 2.503 ug/L

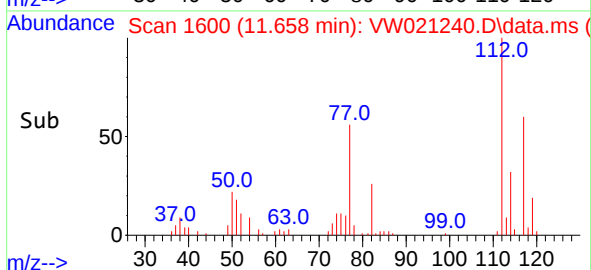
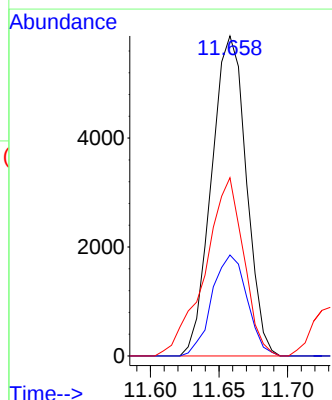
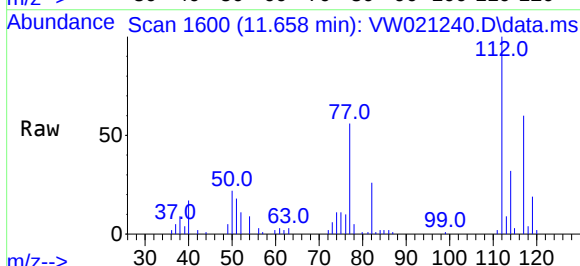
RT: 11.658 min Scan# 1600

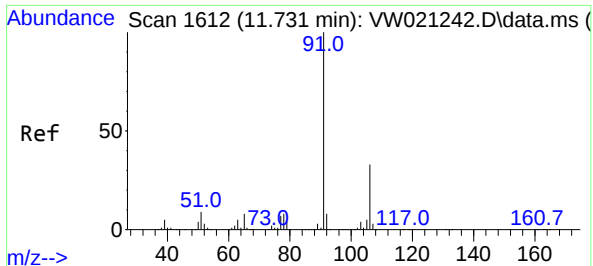
Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Tgt Ion:	112	Resp:	10360
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.4	41.6
77	55.7	50.2	75.4

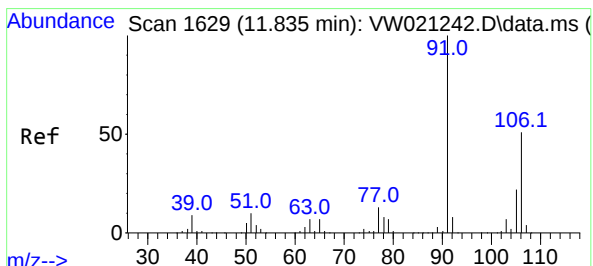
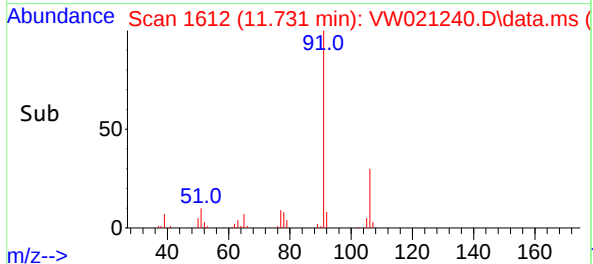
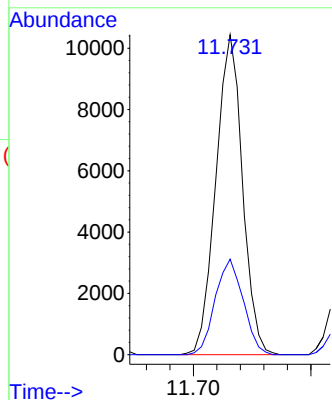
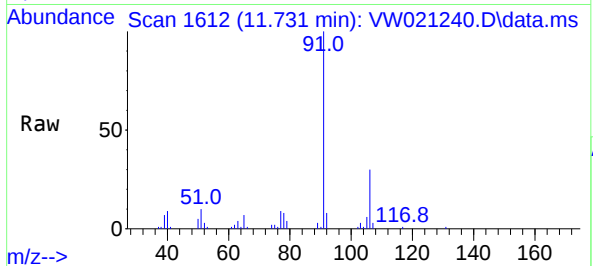




#52
Ethylbenzene
Concen: 2.334 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

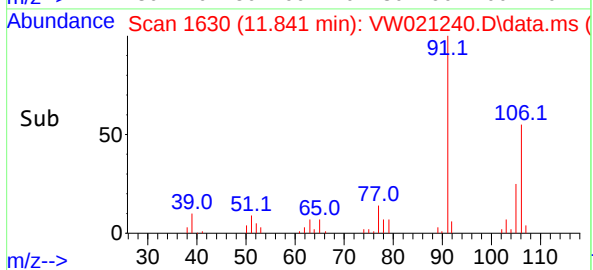
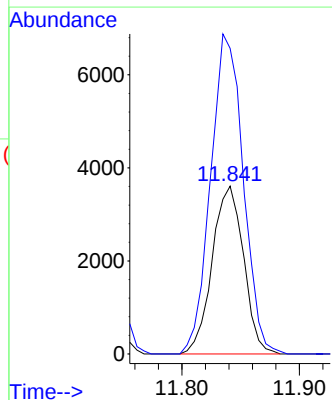
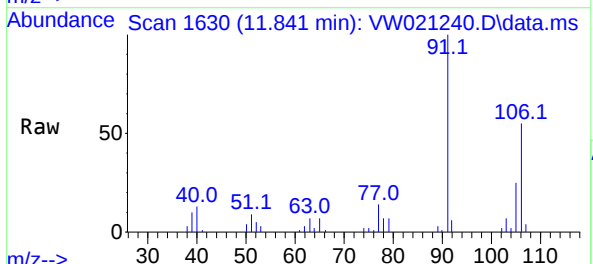
Instrument :
MSVOA_W
ClientSampleId :

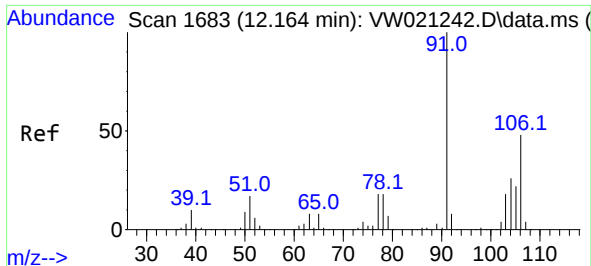
Tgt Ion: 91 Resp: 16433
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 2.301 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion: 106 Resp: 6695
Ion Ratio Lower Upper
106 100
91 182.0 149.9 278.3

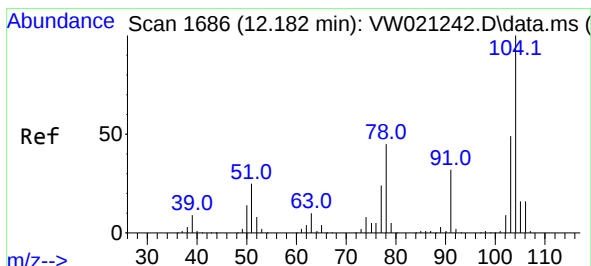
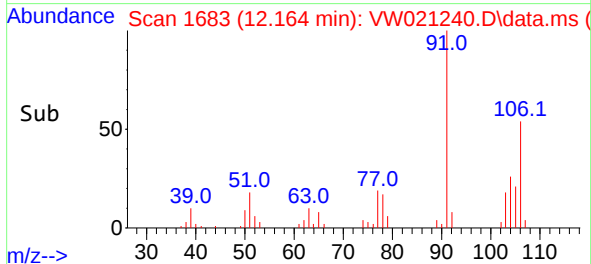
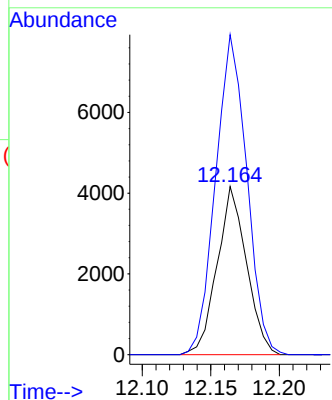
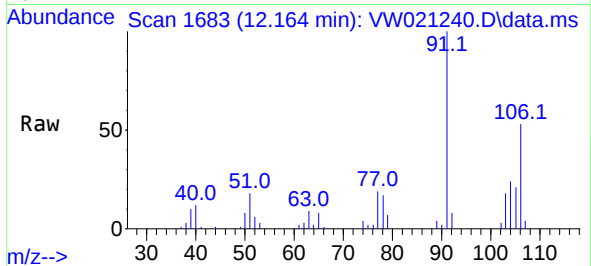




#54
o-Xylene
Concen: 2.270 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

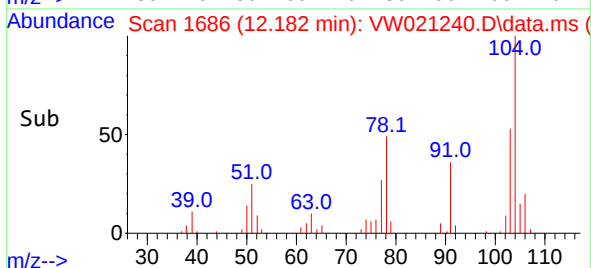
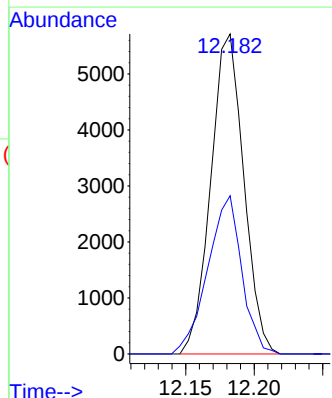
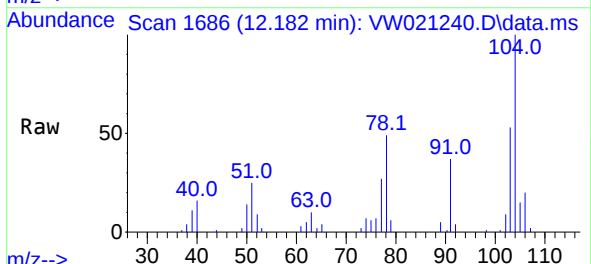
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 6212
Ion Ratio Lower Upper
106 100
91 190.3 153.6 285.3

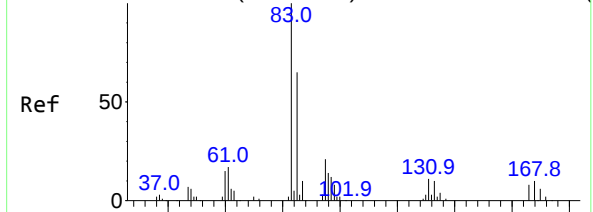


#55
Styrene
Concen: 2.042 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion:104 Resp: 9565
Ion Ratio Lower Upper
104 100
78 49.5 34.4 64.0

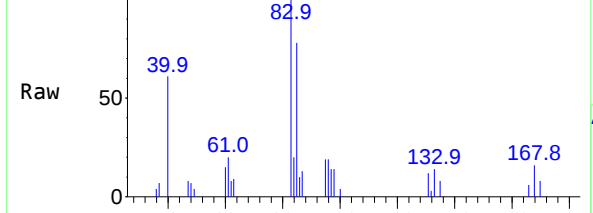


Abundance Scan 1773 (12.713 min): VW021242.D\data.ms (



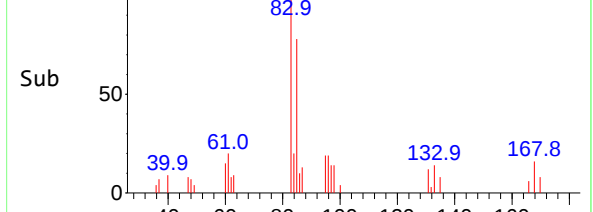
m/z-->

Abundance Scan 1773 (12.713 min): VW021240.D\data.ms



m/z-->

Abundance Scan 1773 (12.713 min): VW021240.D\data.ms (



m/z-->

#57

1,1,2,2-Tetrachloroethane

Concen: 2.056 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83 Resp: 2479

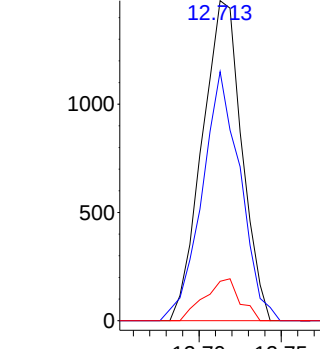
Ion Ratio Lower Upper

83 100

85 77.8 44.0 81.6

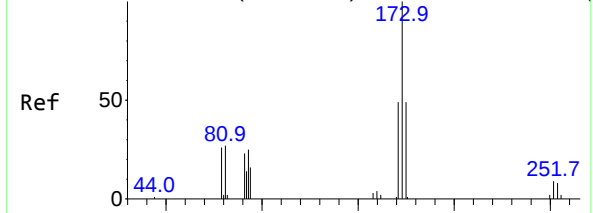
131 12.3 6.9 10.3#

Abundance



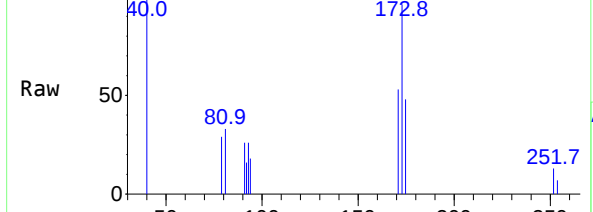
Time-->

Abundance Scan 1713 (12.347 min): VW021242.D\data.ms (



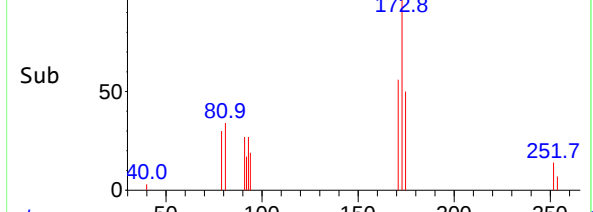
m/z-->

Abundance Scan 1713 (12.347 min): VW021240.D\data.ms



m/z-->

Abundance Scan 1713 (12.347 min): VW021240.D\data.ms (



m/z-->

#59

Bromoform

Concen: 1.782 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Tgt Ion:173 Resp: 1284

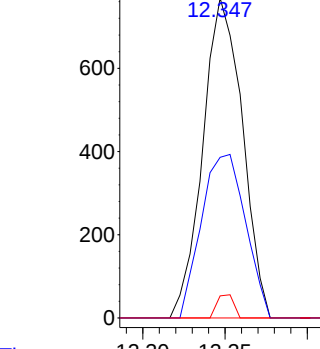
Ion Ratio Lower Upper

173 100

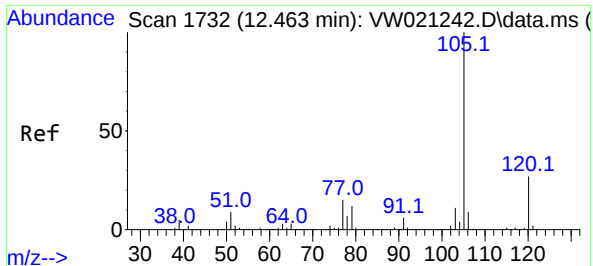
175 57.0 39.6 59.4

254 3.1 7.4 11.0#

Abundance



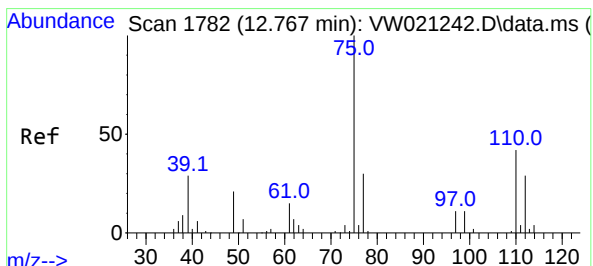
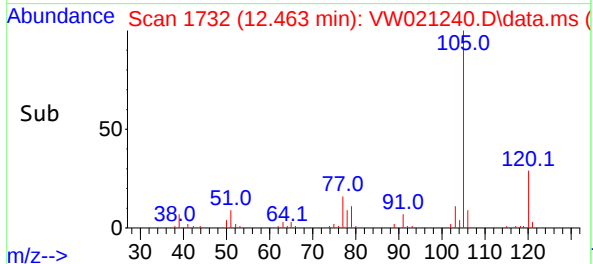
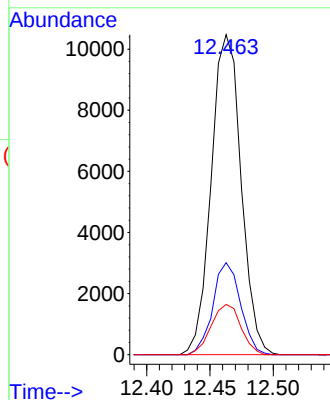
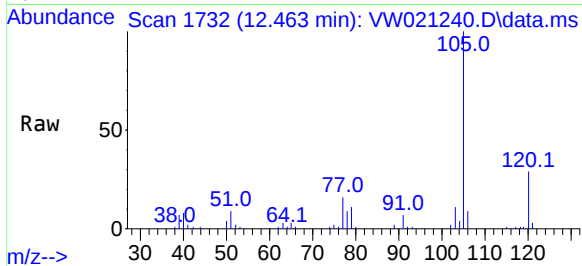
Time-->



#60
Isopropylbenzene
Concen: 2.320 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

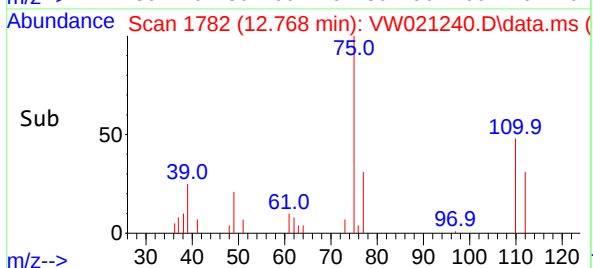
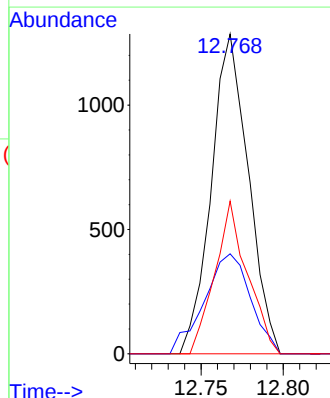
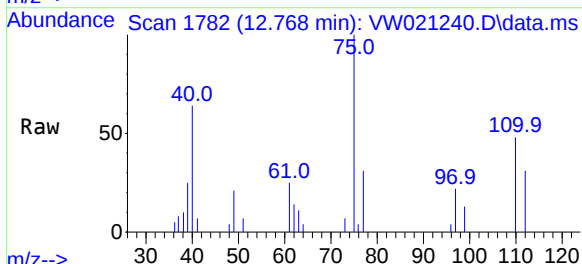
Instrument :
MSVOA_W
ClientSampleId :

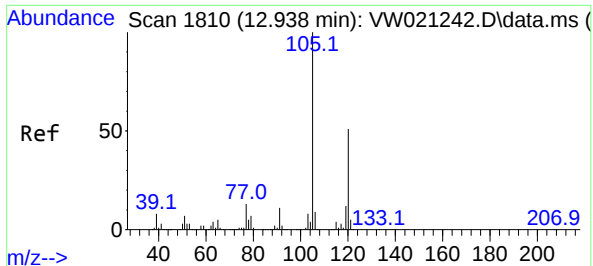
Tgt Ion:	105	Resp:	17186
Ion Ratio	Lower	Upper	
105	100		
120	26.7	20.1	30.1
77	15.6	13.8	20.8



#61
1,2,3-Trichloropropane
Concen: 2.341 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion:	75	Resp:	2017
Ion Ratio	Lower	Upper	
75	100		
77	39.0	25.8	38.8#
110	41.9	29.0	43.4





#62

1,3,5-Trimethylbenzene

Concen: 2.246 ug/L

RT: 12.944 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW021240.D

Acq: 09 Dec 2021 11:58

Instrument :

MSVOA_W

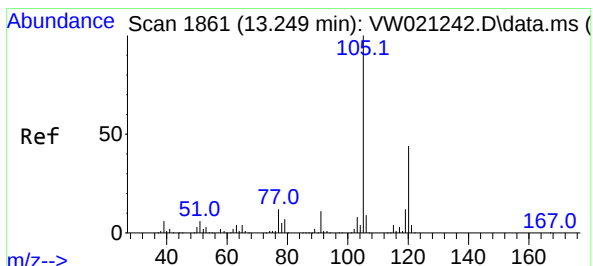
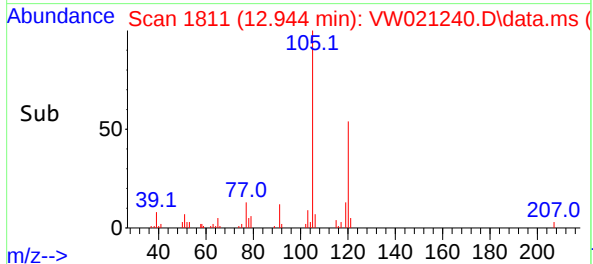
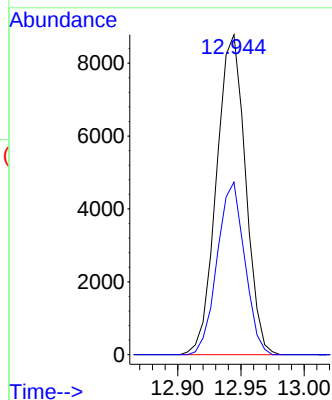
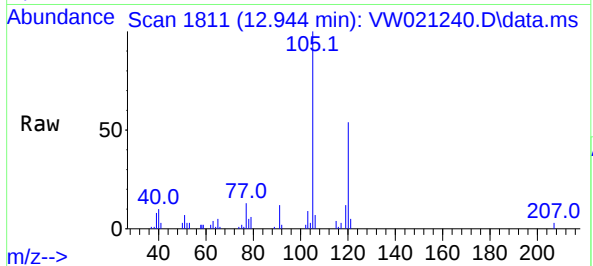
ClientSampleId :

Tgt Ion:105 Resp: 14003

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.178 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021240.D

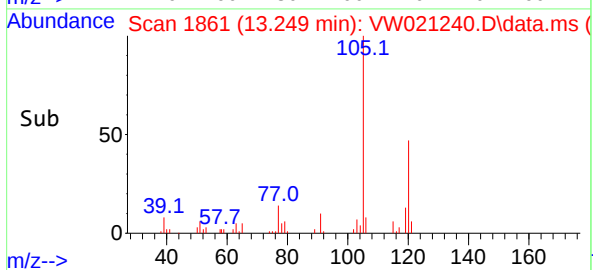
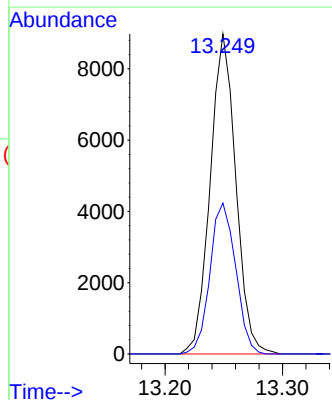
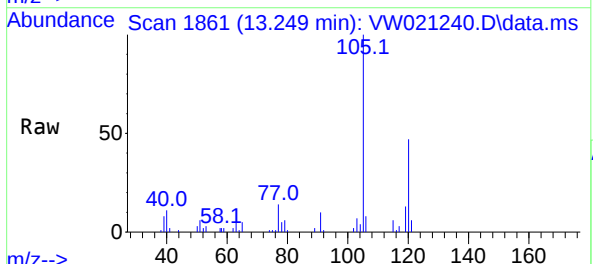
Acq: 09 Dec 2021 11:58

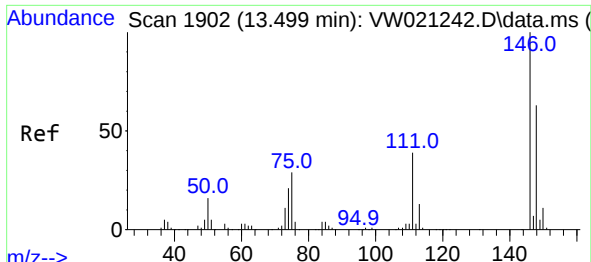
Tgt Ion:105 Resp: 13620

Ion Ratio Lower Upper

105 100

120 47.2 35.0 52.6

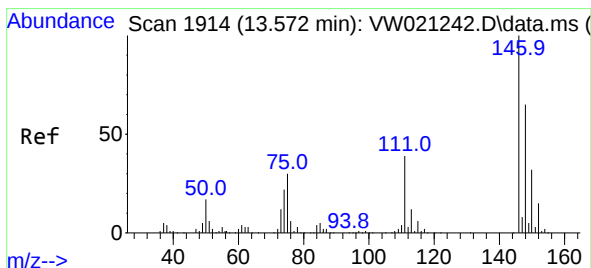
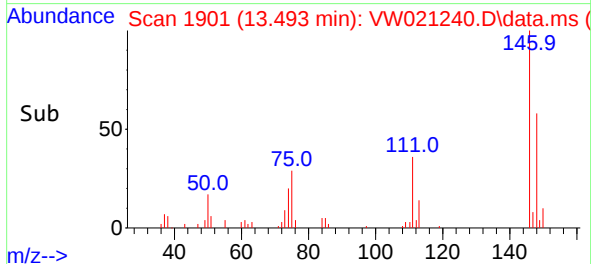
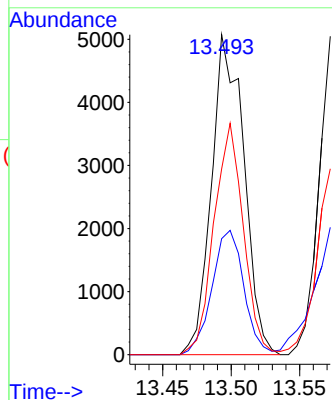
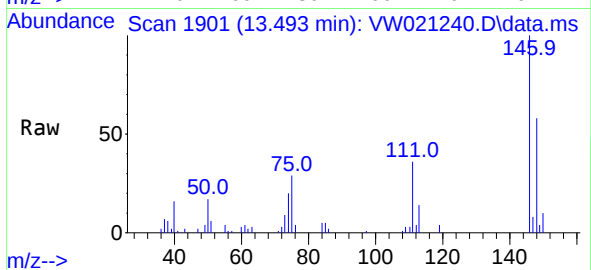




#64
1,3-Dichlorobenzene
Concen: 2.397 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

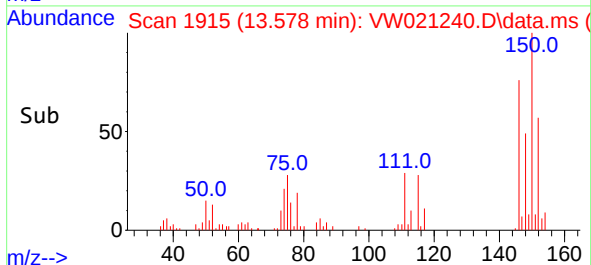
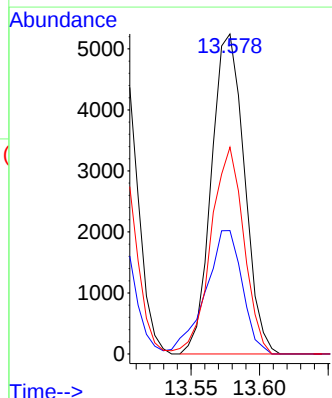
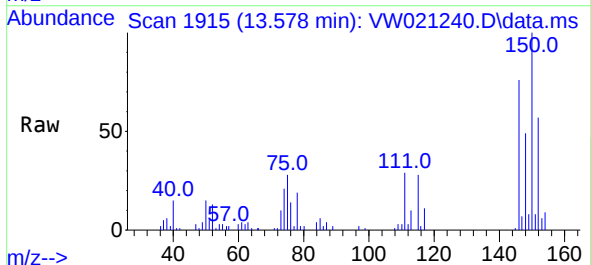
Instrument :
MSVOA_W
ClientSampleId :

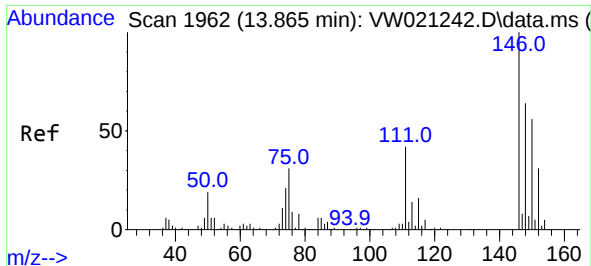
Tgt Ion:146 Resp: 8334
Ion Ratio Lower Upper
146 100
111 36.2 29.8 55.3
148 58.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 2.543 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion:146 Resp: 8769
Ion Ratio Lower Upper
146 100
111 38.6 29.0 53.9
148 64.6 46.9 87.1

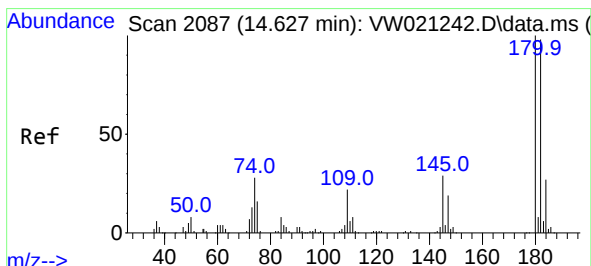
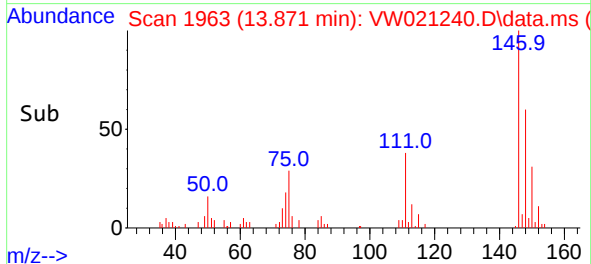
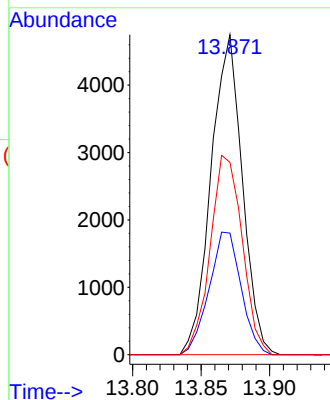
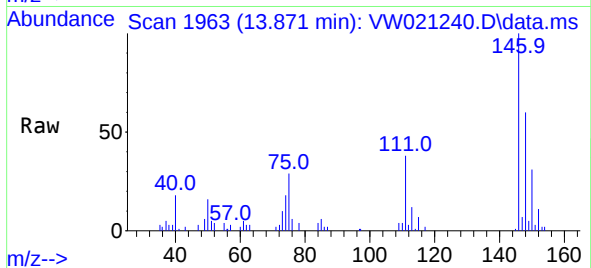




#67
1,2-Dichlorobenzene
Concen: 2.437 ug/L
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

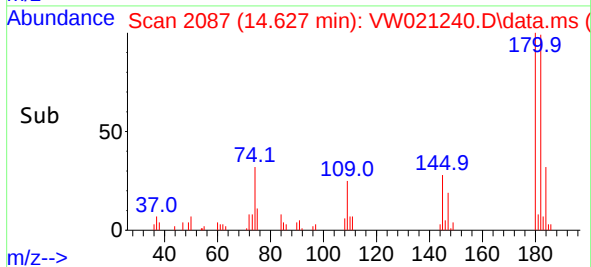
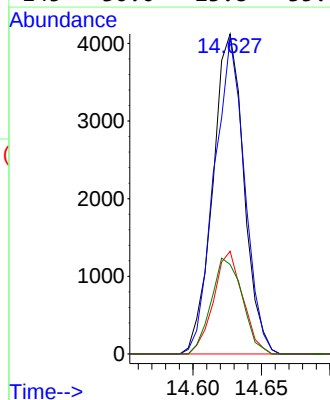
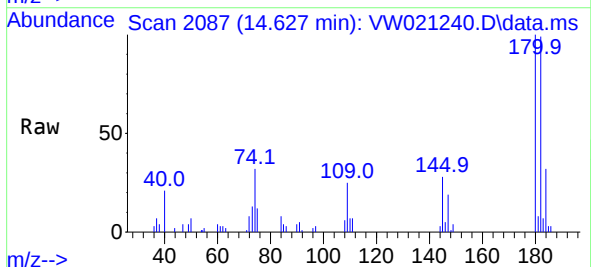
Instrument :
MSVOA_W
ClientSampleId :

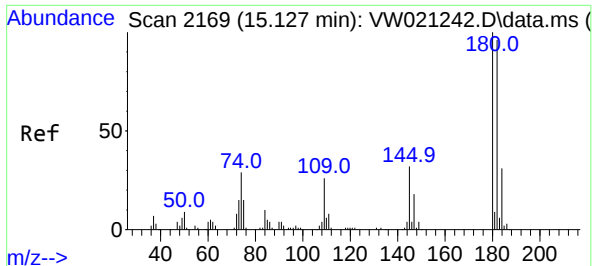
Tgt Ion:146 Resp: 7537
Ion Ratio Lower Upper
146 100
111 38.0 33.1 49.7
148 60.1 47.4 71.2



#69
1,3,5-Trichlorobenzene
Concen: 2.536 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

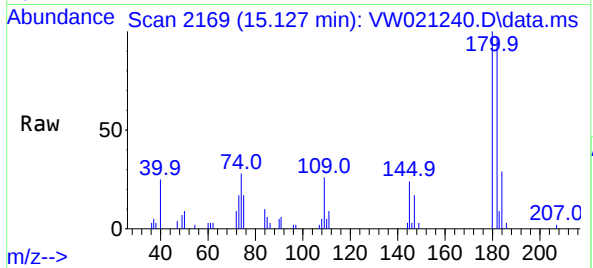
Tgt Ion:180 Resp: 6505
Ion Ratio Lower Upper
180 100
182 96.4 75.4 113.0
184 30.1 23.8 35.8
145 30.0 23.8 35.8



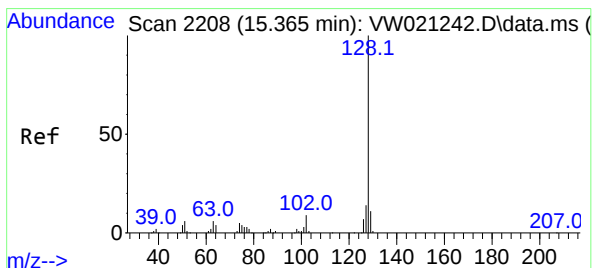
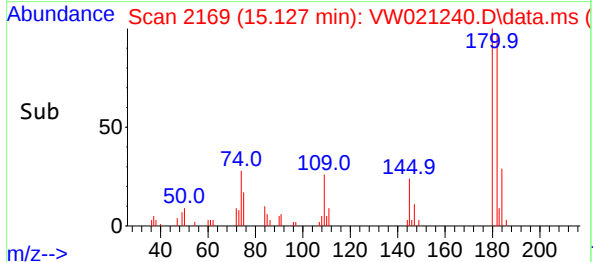
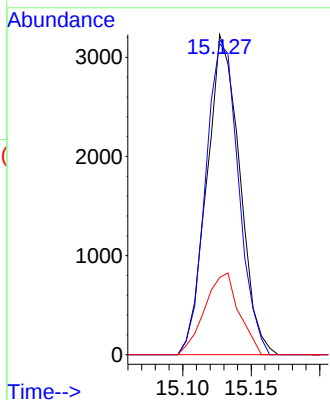


#70
1,2,4-trichlorobenzene
Concen: 2.656 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Instrument :
MSVOA_W
ClientSampleId :

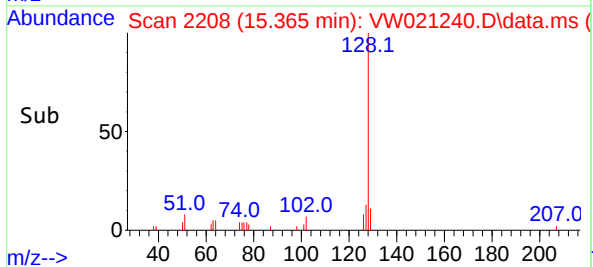
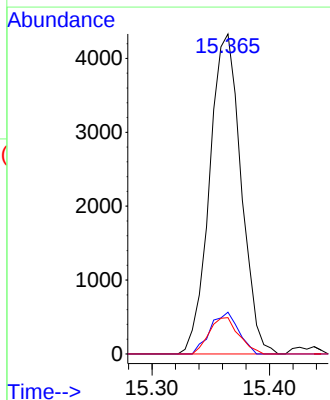
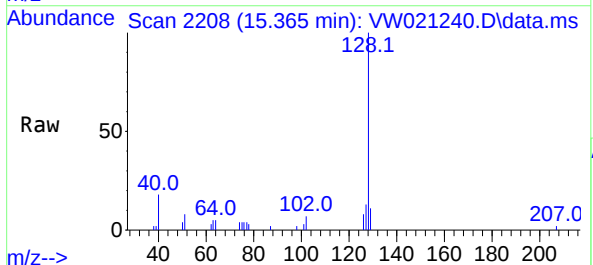


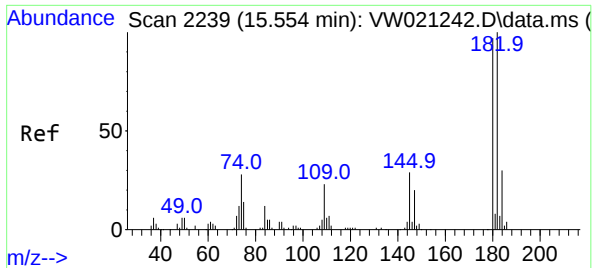
Tgt Ion:180 Resp: 5377
Ion Ratio Lower Upper
180 100
182 98.3 79.0 118.6
145 26.7 26.0 39.0



#71
Naphthalene
Concen: 2.151 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW021240.D
Acq: 09 Dec 2021 11:58

Tgt Ion:128 Resp: 8078
Ion Ratio Lower Upper
128 100
127 11.7 10.7 16.1
129 10.6 8.6 12.8





1,2,3-Trichlorobenzene
 Concen: 2.445 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW021240.D
 Acq: 09 Dec 2021 11:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	4393
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	114.8
145	34.1	27.4	41.0

