

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021246.D
 Acq On : 09 Dec 2021 16:12
 Operator : SY/VA
 Sample : VSTD2.536
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 17:33:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 16:38:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	108052	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100484	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	4403	2.237	ug/L	0.00
7) Chloroethane-d5	2.885	69	3086	2.372	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	6418	2.446	ug/L	0.00
21) 2-Butanone-d5	7.086	46	1501	5.544	ug/L	0.00
24) Chloroform-d	7.647	84	8014	2.661	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	4076	2.545	ug/L	0.00
32) Benzene-d6	8.274	84	14697	2.668	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	4037	2.733	ug/L	0.00
41) Toluene-d8	10.323	98	14006	2.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1629	2.395	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	1108	5.073	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	3425	2.697	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	5906	2.710	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	361	0.865	ug/L	# 76
3) Chloromethane	2.215	50	3446	2.493	ug/L	97
5) Vinyl chloride	2.361	62	5218	2.405	ug/L	99
6) Bromomethane	2.775	94	3671	2.608	ug/L	92
8) Chloroethane	2.916	64	2525	2.526	ug/L	97
9) Trichlorofluoromethane	3.263	101	2971	2.595	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	3642	2.441	ug/L	# 73
12) 1,1-Dichloroethene	4.044	96	3245	2.423	ug/L	69
13) Acetone	4.129	43	1832	7.367	ug/L	79
14) Carbon disulfide	4.379	76	7981	2.307	ug/L	98
15) Methyl Acetate	4.678	43	1133	2.588	ug/L	92
16) Methylene chloride	4.909	84	7056	3.952	ug/L	78
17) trans-1,2-Dichloroethene	5.434	96	3573	2.464	ug/L	75
18) Methyl tert-butyl Ether	5.421	73	3227	1.611	ug/L	# 80
19) 1,1-Dichloroethane	6.220	63	5706	2.507	ug/L	95
20) cis-1,2-Dichloroethene	7.177	96	3798	2.483	ug/L	71
22) 2-Butanone	7.171	43	1467	4.517	ug/L	84
23) Bromochloromethane	7.519	128	1754	2.452	ug/L	# 62
25) Chloroform	7.683	83	6675	2.527	ug/L	97
27) 1,2-Dichloroethane	8.402	62	4034	2.411	ug/L	# 92
29) Cyclohexane	7.957	56	4876	2.438	ug/L	# 77
30) 1,1,1-Trichloroethane	7.872	97	5697	2.527	ug/L	97
31) Carbon tetrachloride	8.073	117	5013	2.410	ug/L	100
33) Benzene	8.329	78	14251	2.603	ug/L	100
34) Trichloroethene	9.097	95	3933	2.560	ug/L	91
35) Methylcyclohexane	9.335	83	6250	2.466	ug/L	# 85
37) 1,2-Dichloropropane	9.372	63	3165	2.592	ug/L	100
38) Bromodichloromethane	9.646	83	3938	2.346	ug/L	# 93
39) cis-1,3-Dichloropropene	10.073	75	4177	2.170	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	3588	5.393	ug/L	# 94
42) Toluene	10.390	91	15358	2.399	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	3476	2.062	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

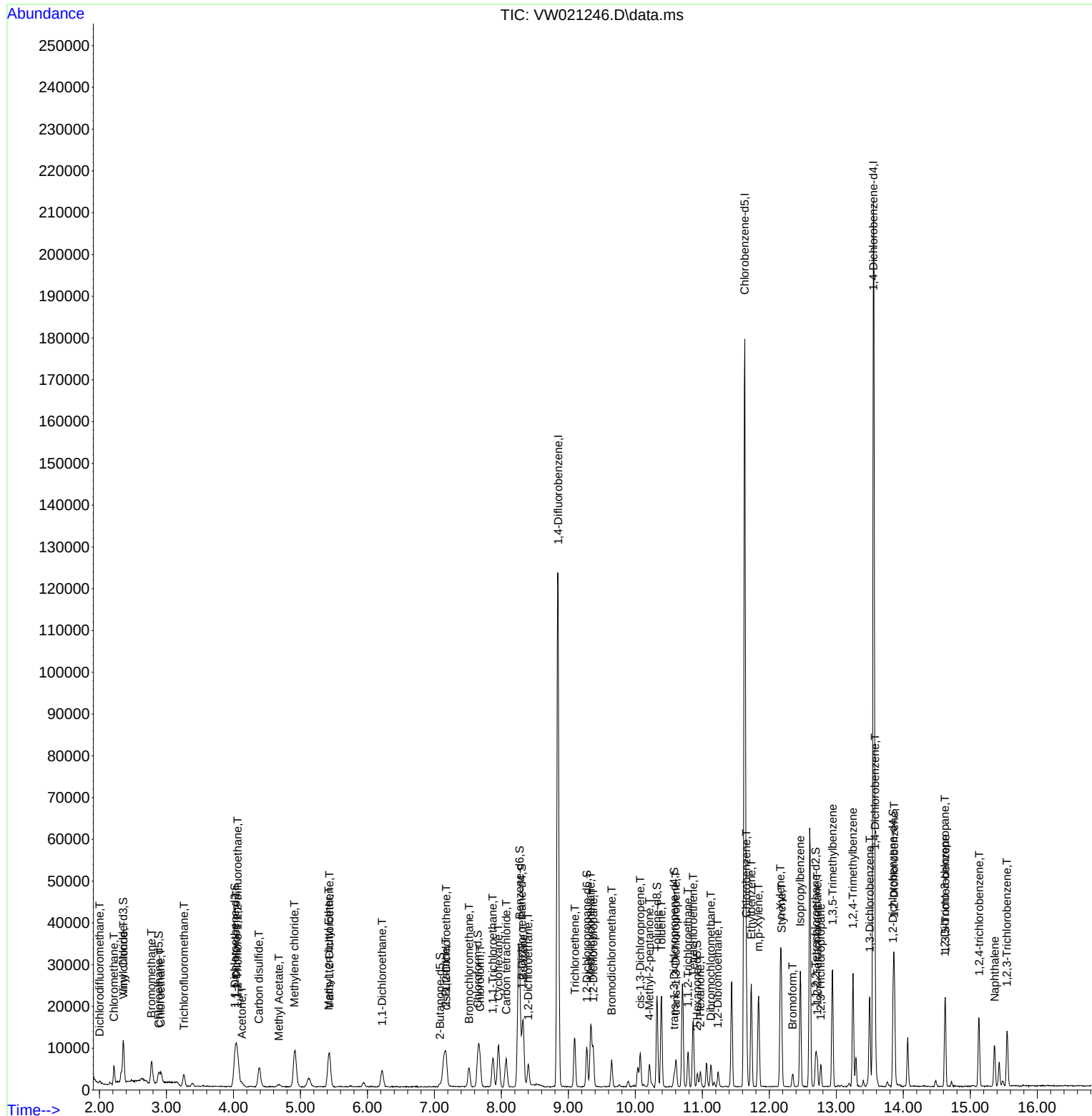
45) 1,1,2-Trichloroethane	10.786	97	2501	2.503	ug/L	92
46) Tetrachloroethene	10.865	164	3626	2.484	ug/L	97
48) 2-Hexanone	10.969	43	2398	4.970	ug/L #	94
49) Dibromochloromethane	11.128	129	2783	2.259	ug/L	100
50) 1,2-Dibromoethane	11.231	107	2378	2.391	ug/L #	97
51) Chlorobenzene	11.658	112	10506	2.451	ug/L	94
52) Ethylbenzene	11.731	91	17269	2.360	ug/L	97
53) m,p-Xylene	11.841	106	6862	2.325	ug/L	85
54) o-Xylene	12.164	106	6187	2.209	ug/L	95
55) Styrene	12.182	104	10181	2.136	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.719	83	2747	2.398	ug/L #	89
59) Bromoform	12.347	173	1446	2.161	ug/L #	92
60) Isopropylbenzene	12.463	105	17057	2.232	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	1982	2.422	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.944	105	14413	2.217	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	14420	2.248	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	8627	2.394	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	9184	2.565	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	8137	2.564	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.621	75	1087	6.439	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.627	180	6949	2.580	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	5632	2.599	ug/L	91
71) Naphthalene	15.365	128	8795	2.498	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	4611	2.575	ug/L	97

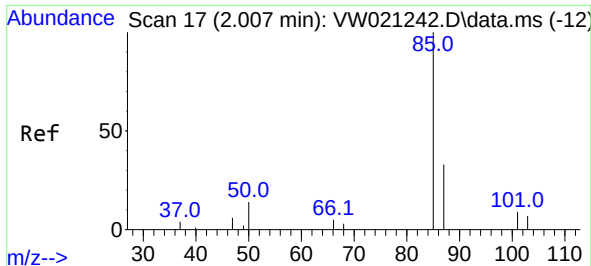
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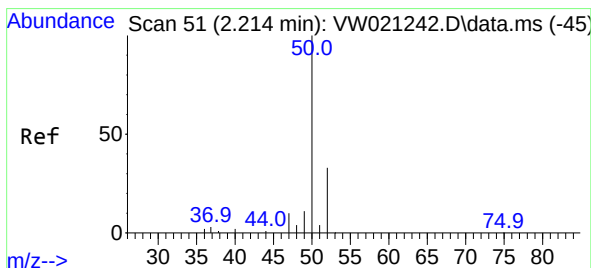
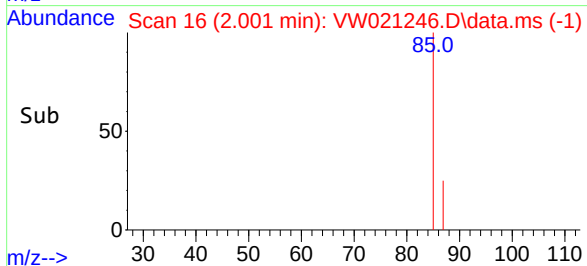
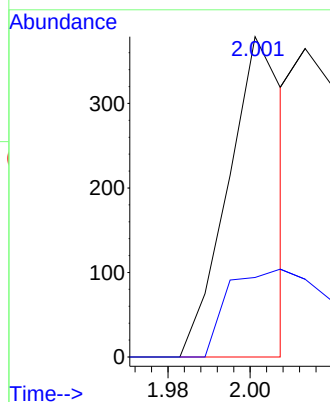
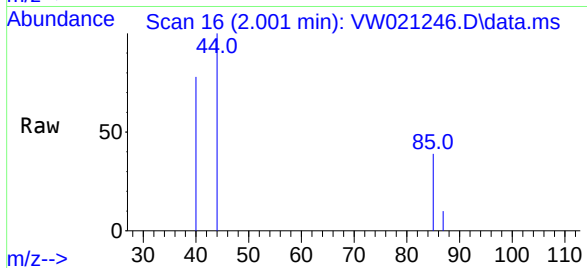




#2
Dichlorodifluoromethane
Concen: 0.865 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

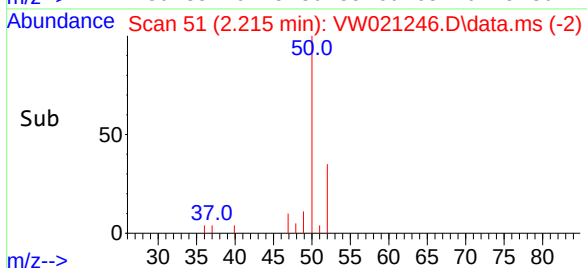
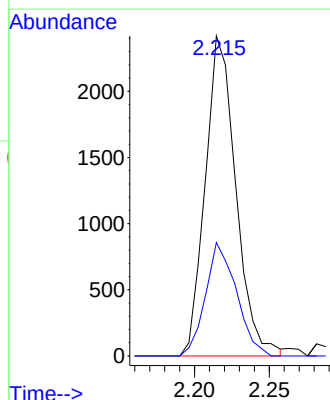
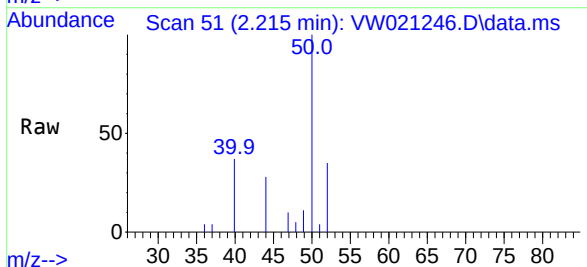
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MSVOA_W
ClientSampleId :

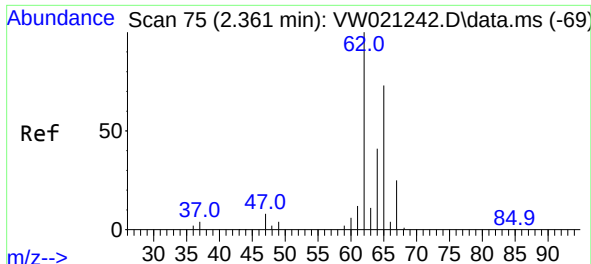
Tgt Ion: 85 Resp: 361
Ion Ratio Lower Upper
85 100
87 45.4 25.8 38.6#



#3
Chloromethane
Concen: 2.493 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 50 Resp: 3446
Ion Ratio Lower Upper
50 100
52 35.4 23.4 43.6

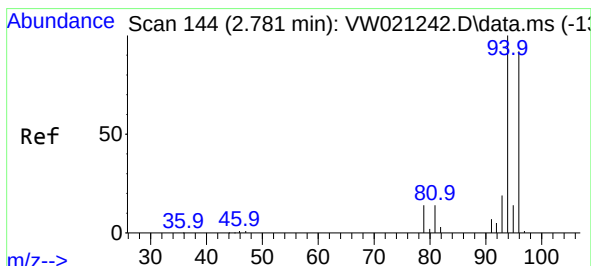
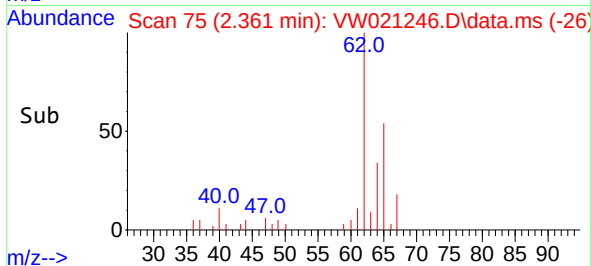
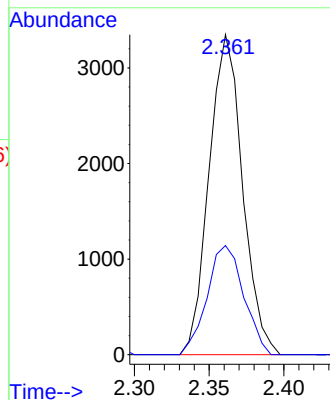
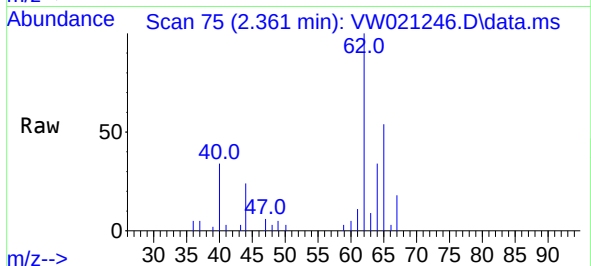




#5
 Vinyl chloride
 Concen: 2.405 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021246.D
 Acq: 09 Dec 2021 16:12

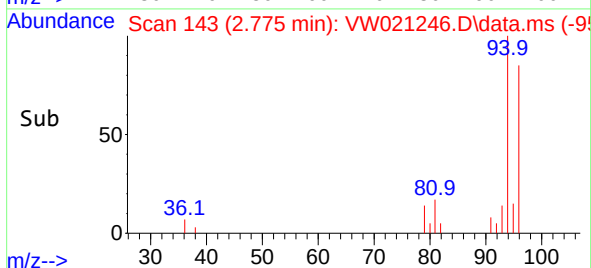
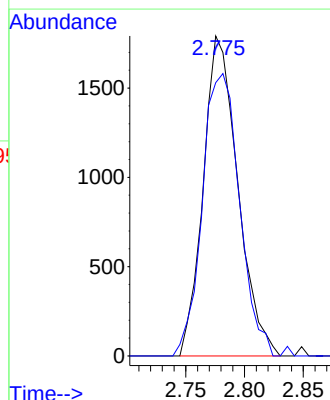
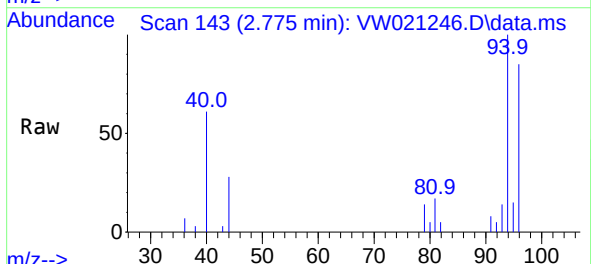
Instrument :
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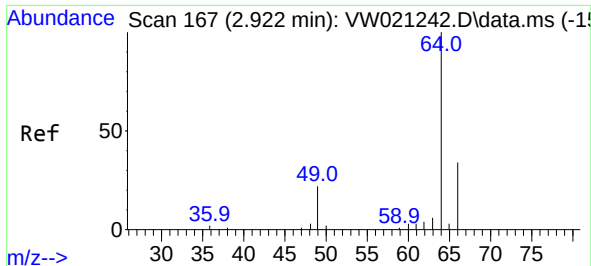
Tgt Ion: 62 Resp: 5218
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.4 45.2



#6
 Bromomethane
 Concen: 2.608 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021246.D
 Acq: 09 Dec 2021 16:12

Tgt Ion: 94 Resp: 3671
 Ion Ratio Lower Upper
 94 100
 96 85.4 64.8 120.4

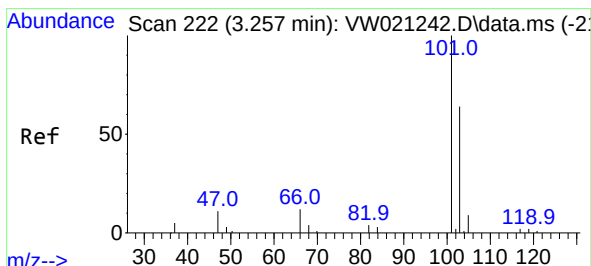
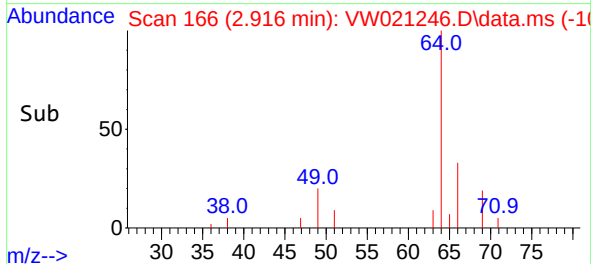
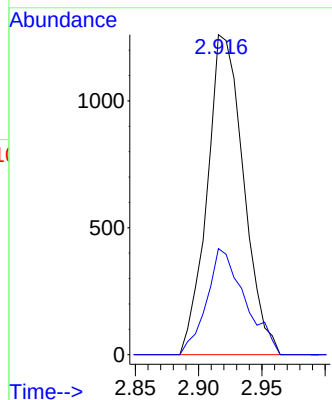
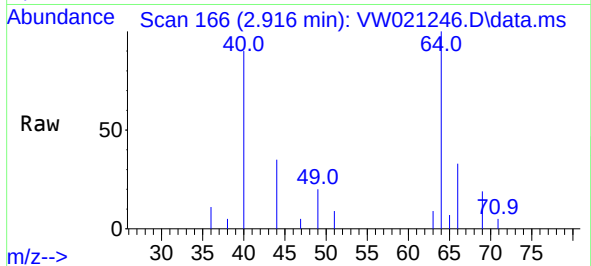




#8
Chloroethane
Concen: 2.526 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

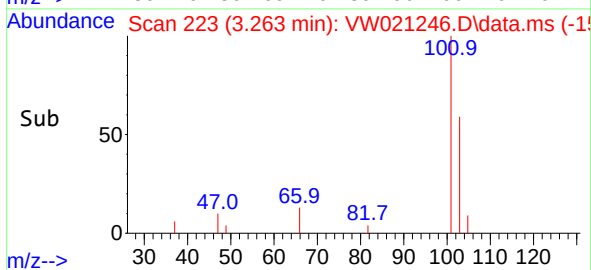
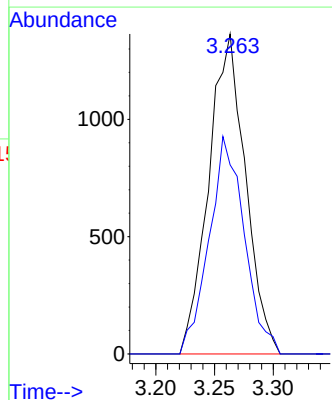
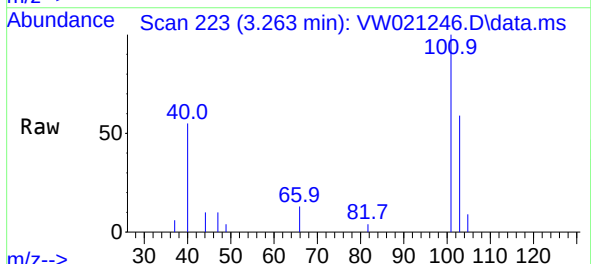
Instrument :
MSVOA_W
ClientSampleId :

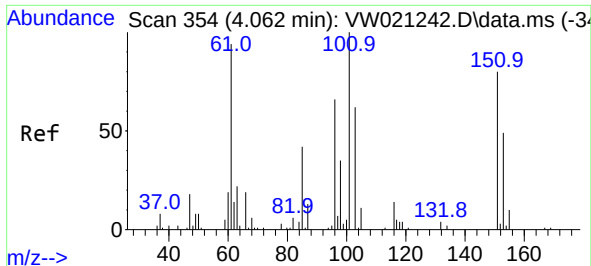
Tgt Ion: 64 Resp: 2525
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 2.595 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 101 Resp: 2971
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

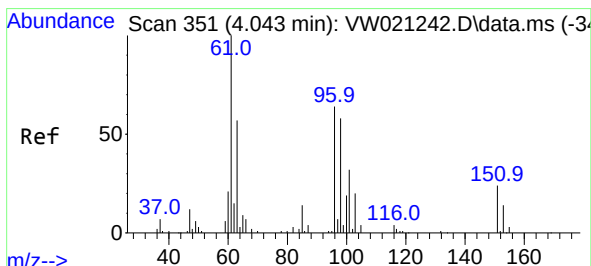
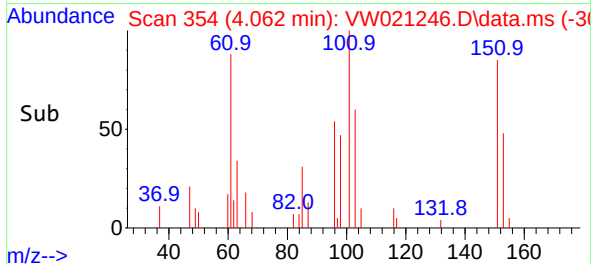
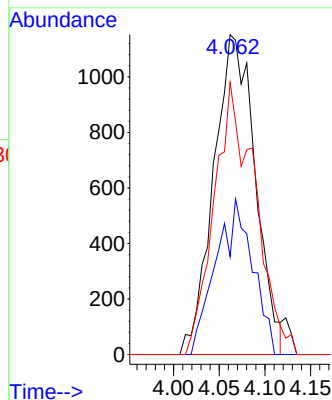
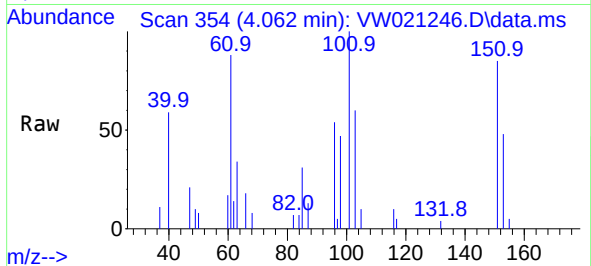




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.441 ug/L
RT: 4.062 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

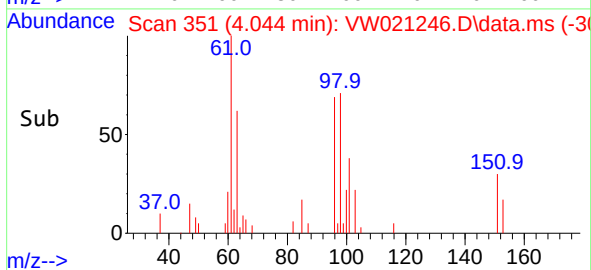
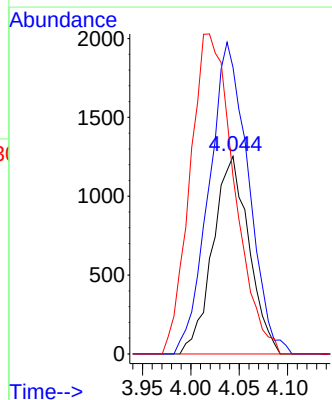
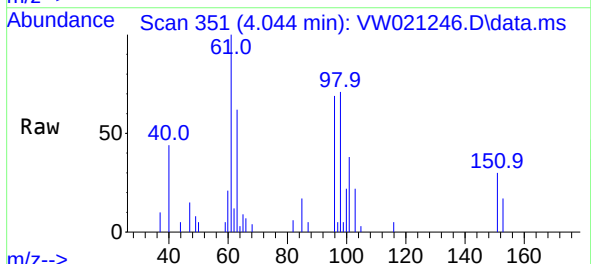
Instrument :
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ClientSampleId :

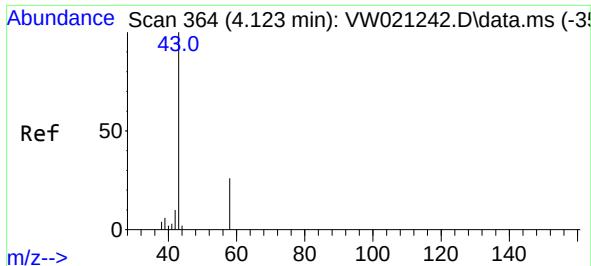
Tgt Ion:101 Resp: 3642
Ion Ratio Lower Upper
101 100
85 23.2 36.6 54.8#
151 53.2 57.4 86.0#



#12
1,1-Dichloroethene
Concen: 2.423 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 96 Resp: 3245
Ion Ratio Lower Upper
96 100
61 145.0 138.3 256.9
63 90.0 82.6 153.4

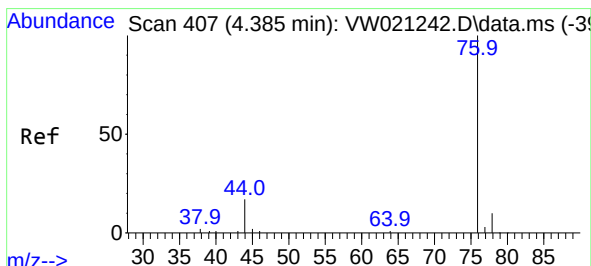
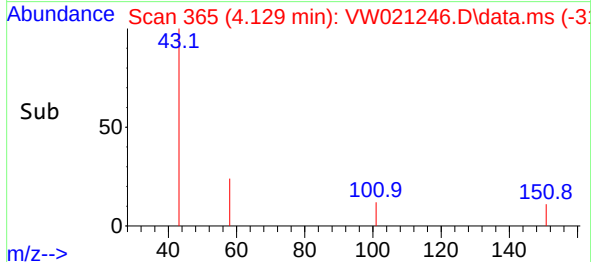
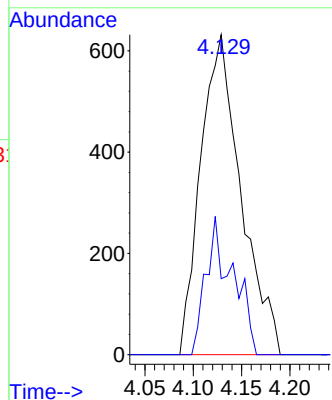
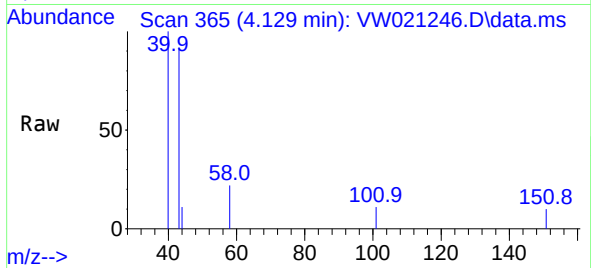




#13
Acetone
Concen: 7.367 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

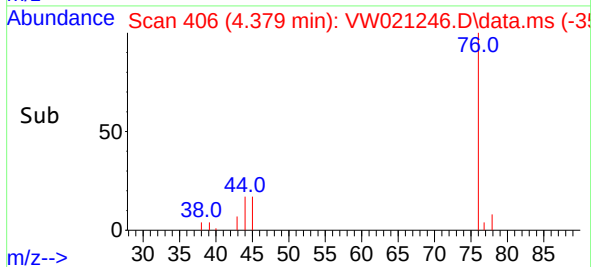
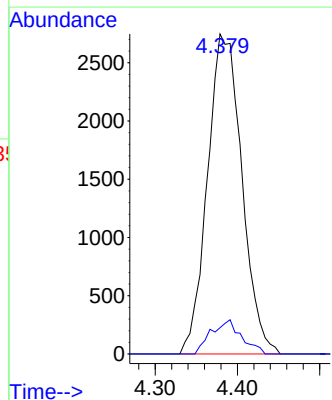
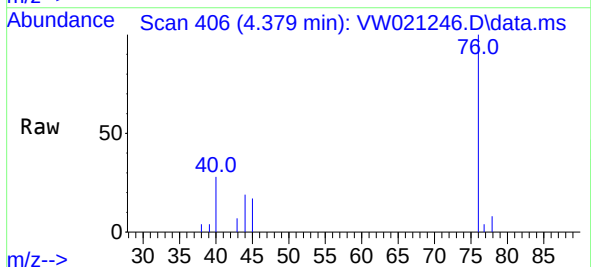
Instrument :
MSVOA_W
ClientSampleId :

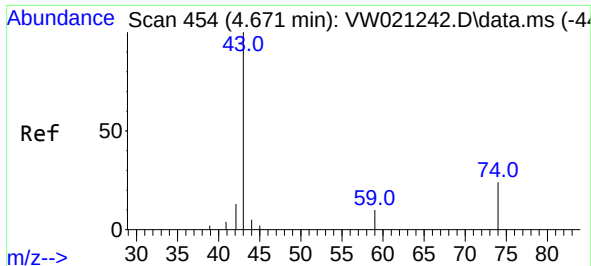
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Ion Ratio Lower Upper
43 100
58 15.8 0.0 52.8



#14
Carbon disulfide
Concen: 2.307 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 76 Resp: 7981
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7

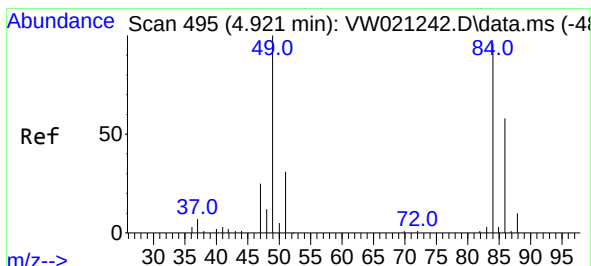
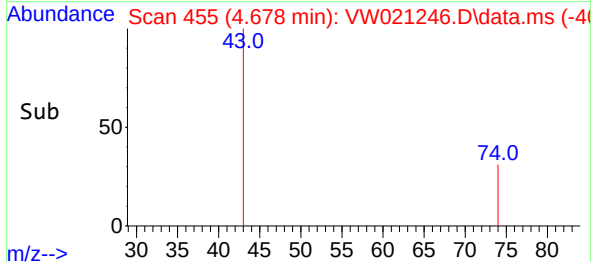
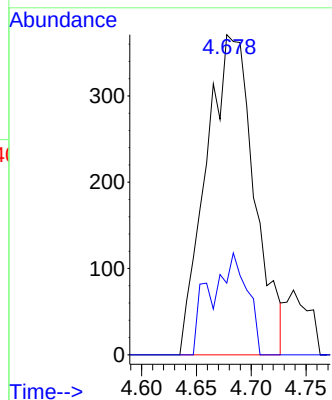
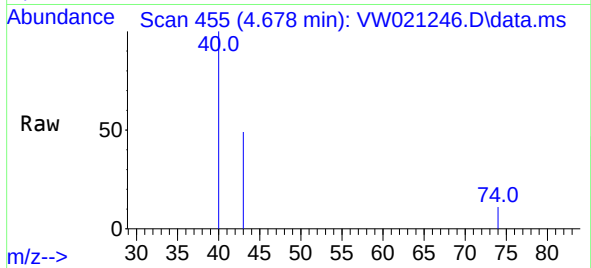




#15
Methyl Acetate
Concen: 2.588 ug/L
RT: 4.678 min Scan# 411
Delta R.T. 0.007 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

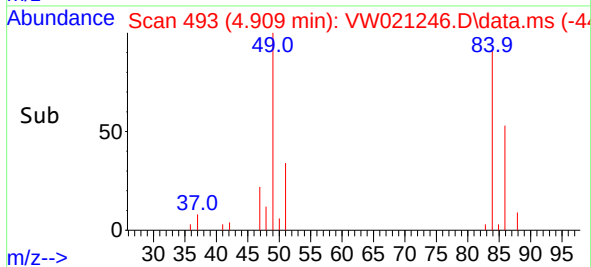
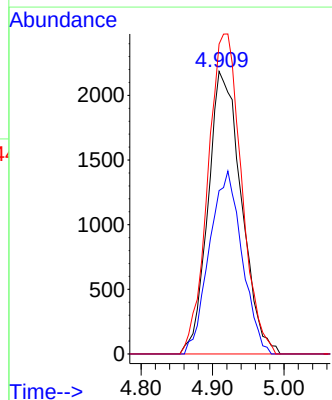
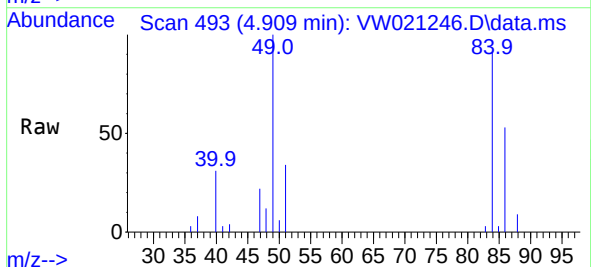
Instrument :
MSVOA_W
ClientSampleId :

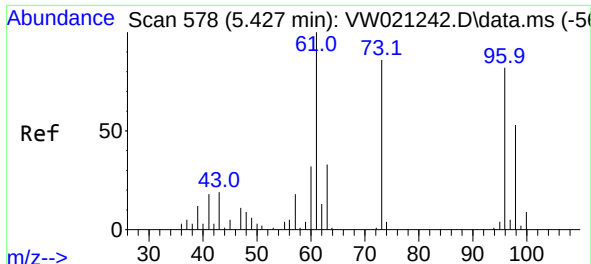
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
74 16.9 16.4 24.6



#16
Methylene chloride
Concen: 3.952 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

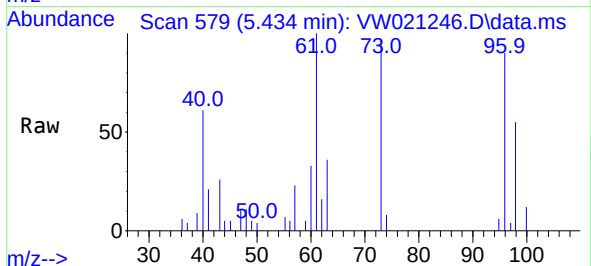
Tgt Ion: 84 Resp: 7056
Ion Ratio Lower Upper
84 100
86 57.8 45.5 84.5
49 109.7 100.5 186.7





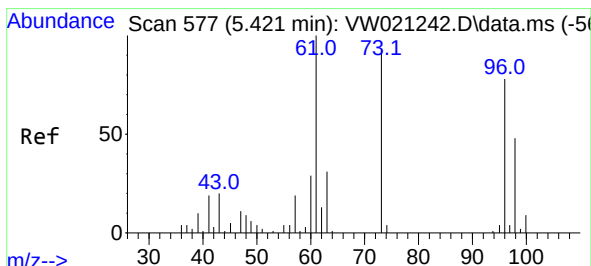
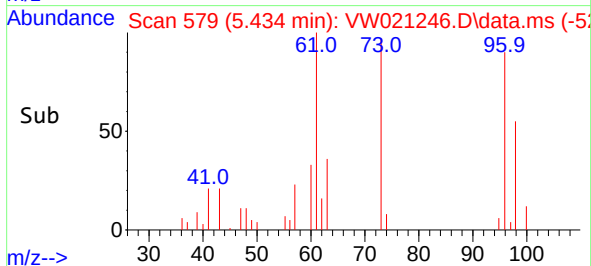
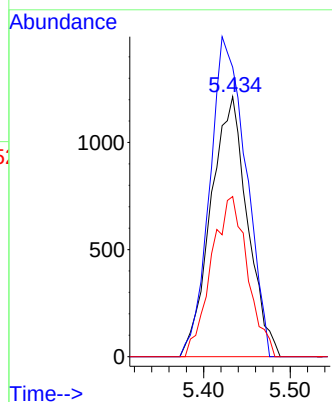
#17
trans-1,2-Dichloroethene
Concen: 2.464 ug/L
RT: 5.434 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 3573

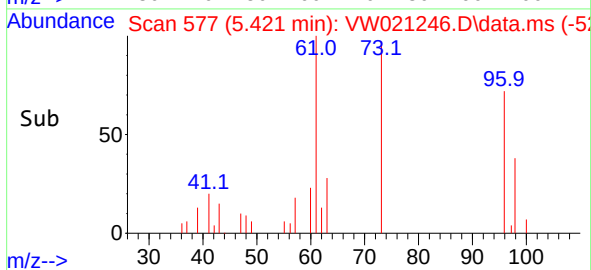
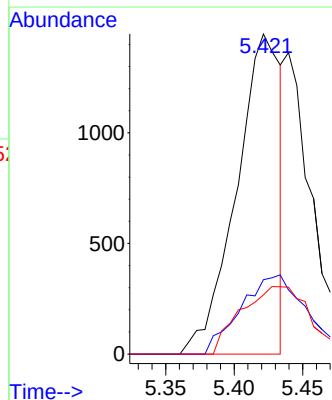
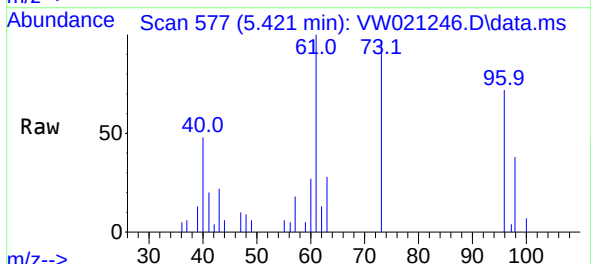
Ion	Ratio	Lower	Upper
96	100		
61	111.3	107.4	199.4
98	61.6	41.2	76.6

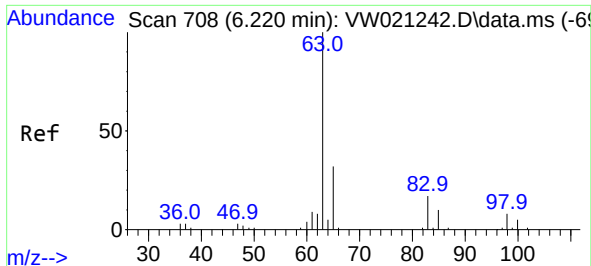


#18
Methyl tert-butyl Ether
Concen: 1.611 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 73 Resp: 3227

Ion	Ratio	Lower	Upper
73	100		
43	36.6	19.5	29.3#
57	32.2	19.3	28.9#





#19

1,1-Dichloroethane

Concen: 2.507 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

ClientSampleId :

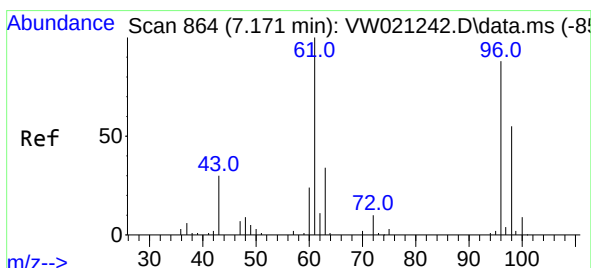
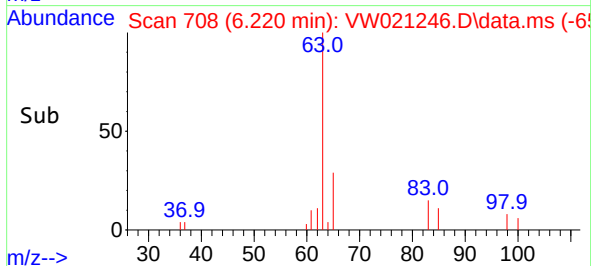
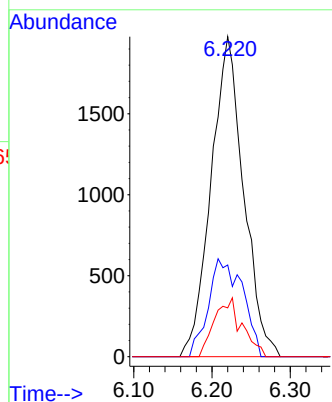
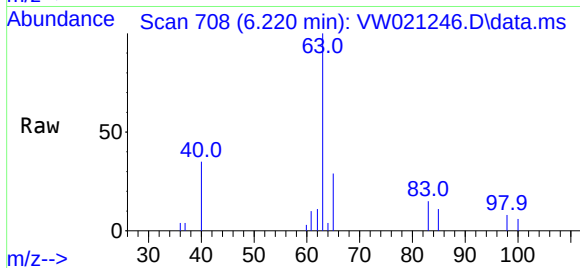
Tgt Ion: 63 Resp: 5706

Ion Ratio Lower Upper

63 100

65 28.6 22.1 41.1

83 15.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 2.483 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

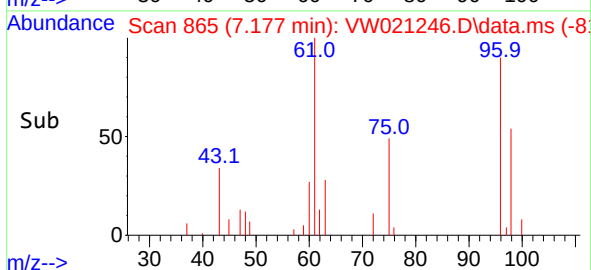
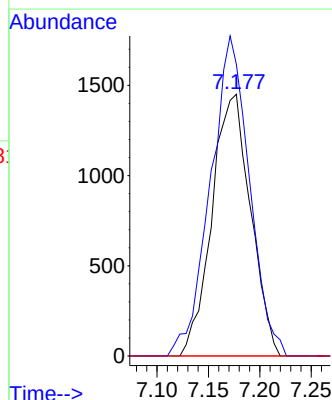
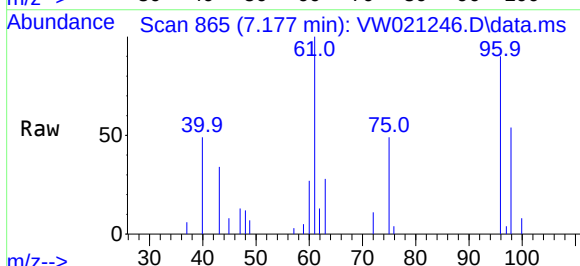
Tgt Ion: 96 Resp: 3798

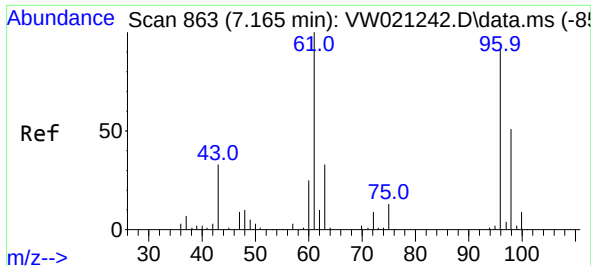
Ion Ratio Lower Upper

96 100

61 111.4 103.7 192.7

68 0.0 0.0 0.0

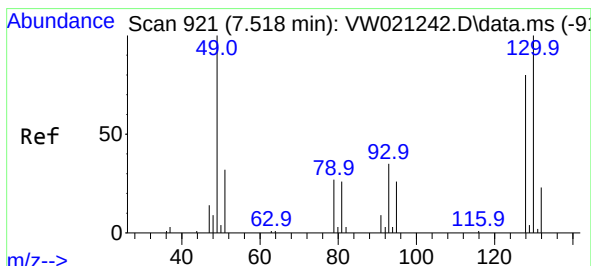
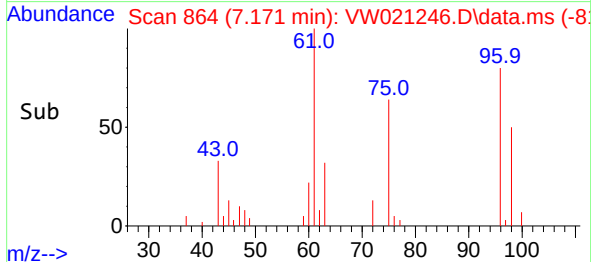
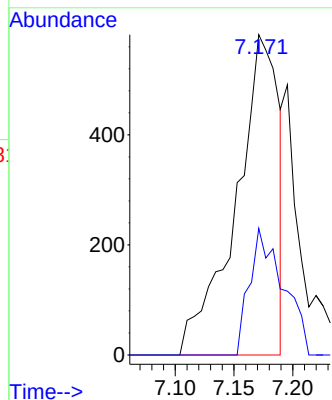
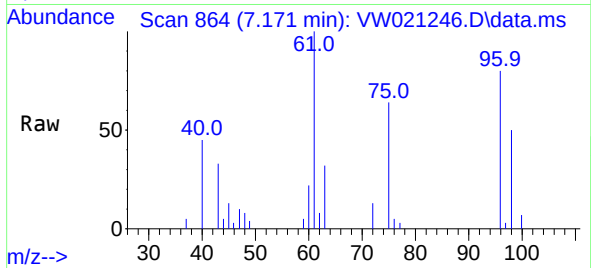




#22
2-Butanone
Concen: 4.517 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

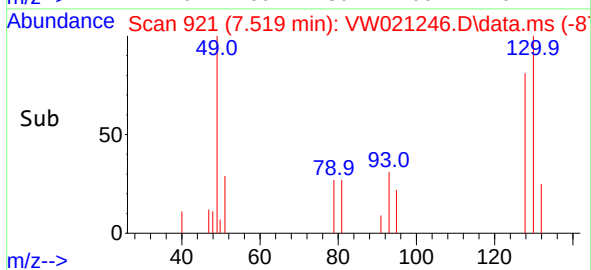
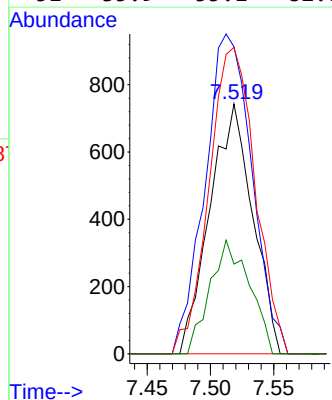
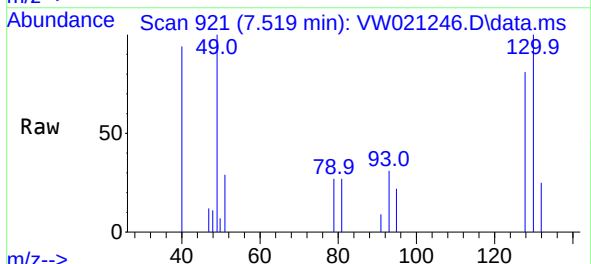
Instrument :
MSVOA_W
ClientSampleId :

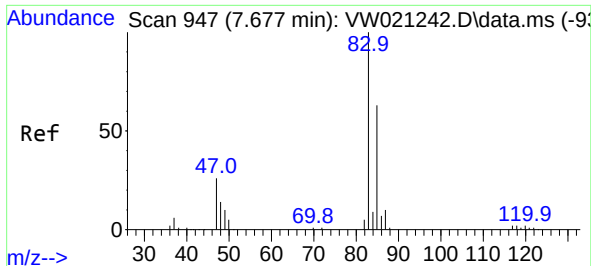
Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
72 31.2 11.8 35.4



#23
Bromochloromethane
Concen: 2.452 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 128 Resp: 1754
Ion Ratio Lower Upper
128 100
49 122.9 150.3 279.1#
130 122.6 88.3 163.9
51 35.9 55.1 82.7#

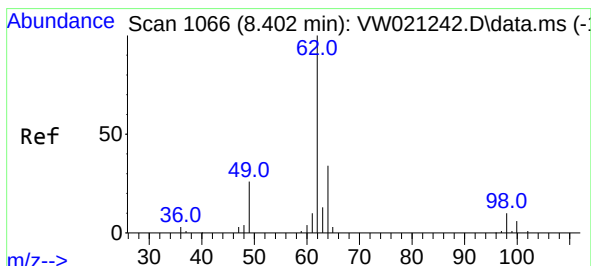
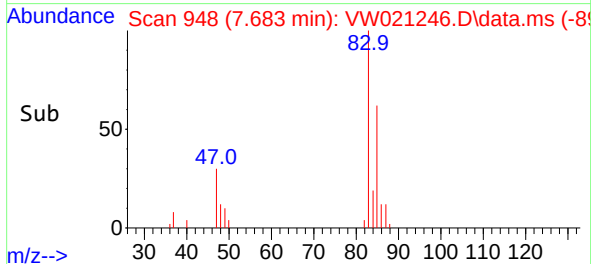
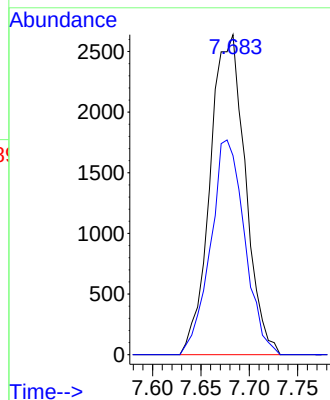
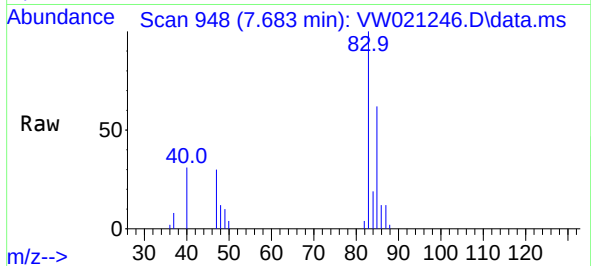




#25
Chloroform
Concen: 2.527 ug/L
RT: 7.683 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

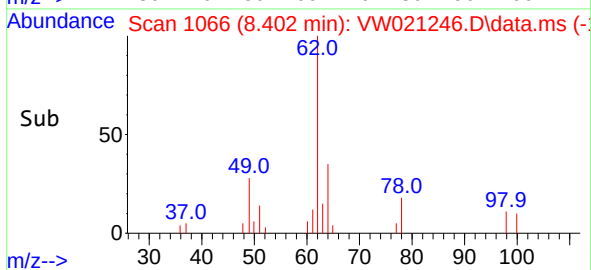
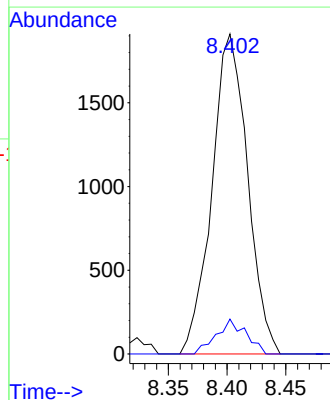
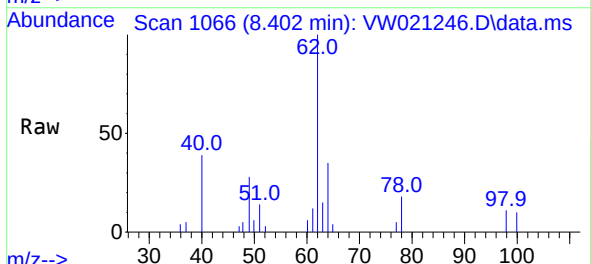
Instrument :
MSVOA_W
ClientSampleId :

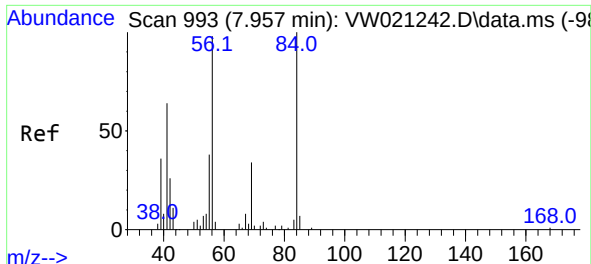
Tgt Ion: 83 Resp: 6675
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 2.411 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 62 Resp: 4034
Ion Ratio Lower Upper
62 100
98 10.9 6.5 9.7#





#29

Cyclohexane

Concen: 2.438 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.000 min

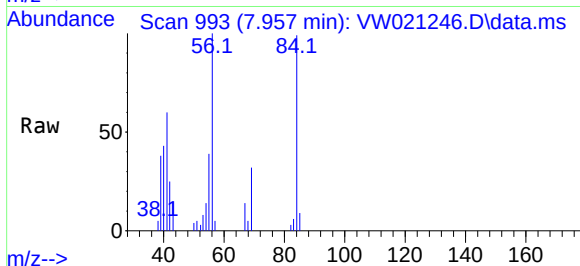
Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

ClientSampleId :



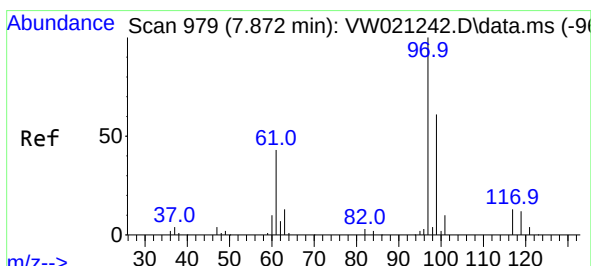
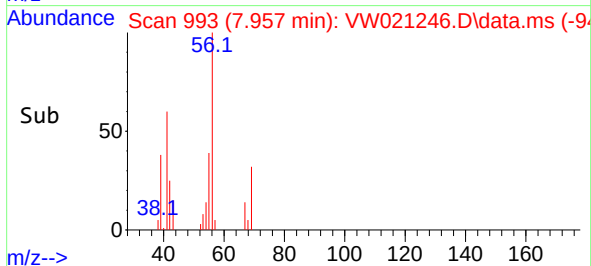
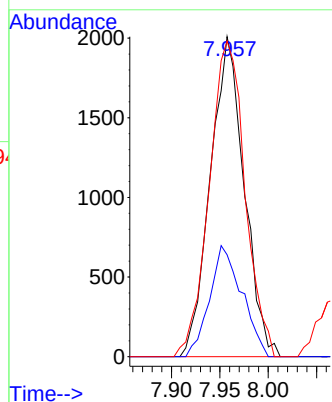
Tgt Ion: 56 Resp: 4876

Ion Ratio Lower Upper

56 100

69 33.2 23.5 35.3

84 104.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 2.527 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

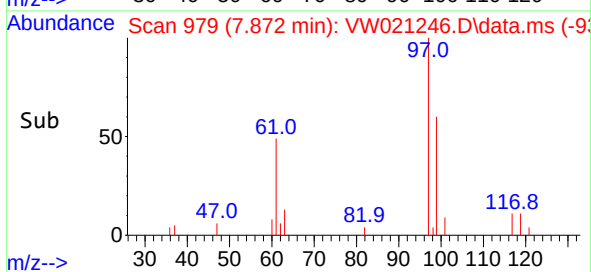
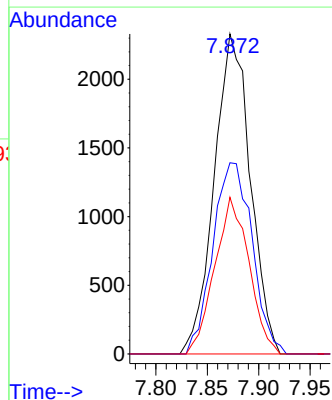
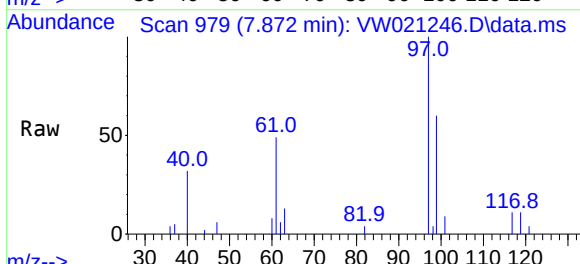
Tgt Ion: 97 Resp: 5697

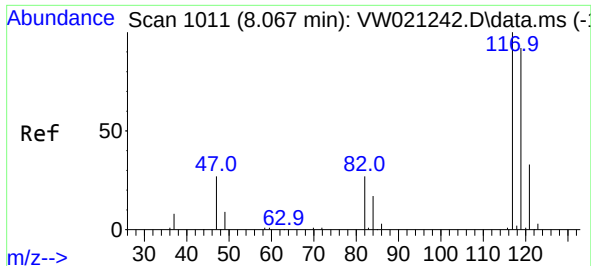
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

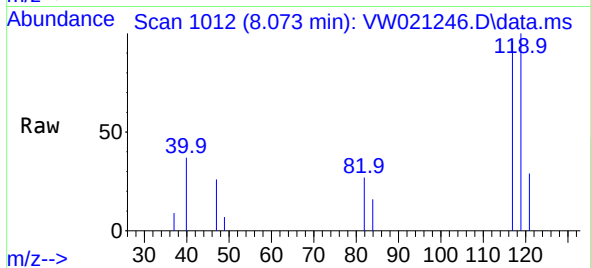
61 46.5 40.9 61.3



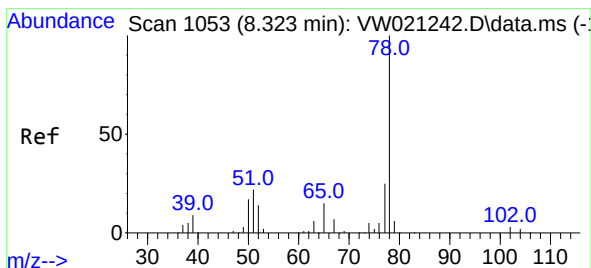
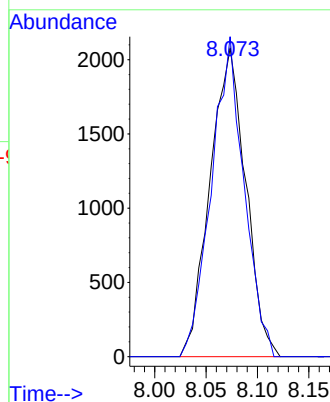
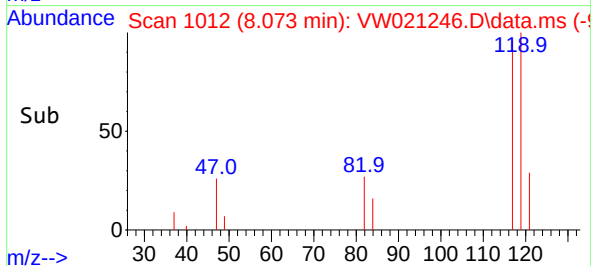


#31
Carbon tetrachloride
Concen: 2.410 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :

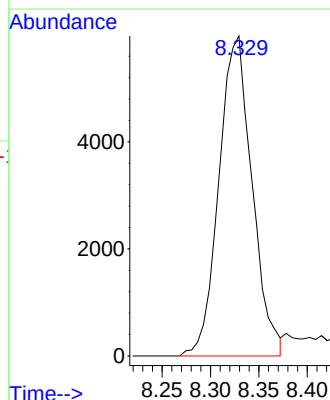
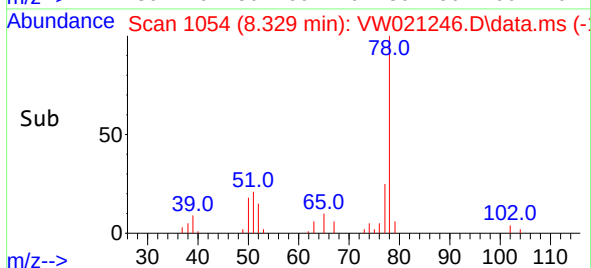
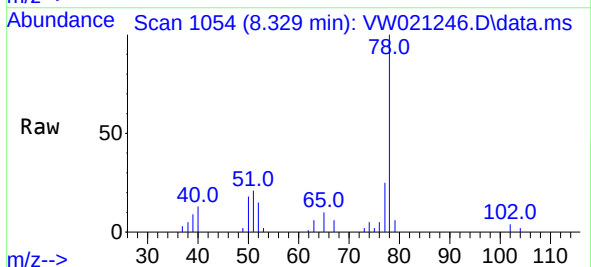


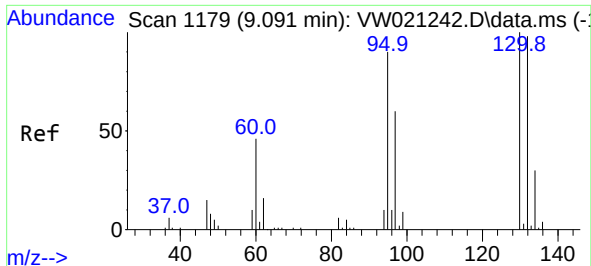
Tgt Ion:117 Resp: 5013
Ion Ratio Lower Upper
117 100
119 94.7 75.7 113.5



#33
Benzene
Concen: 2.603 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

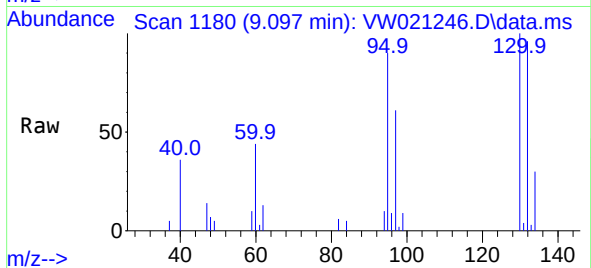
Tgt Ion: 78 Resp: 14251





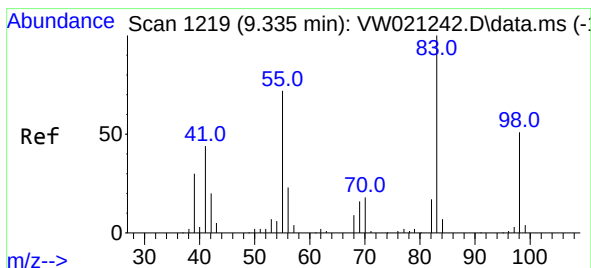
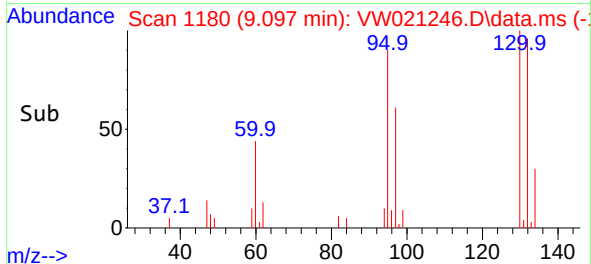
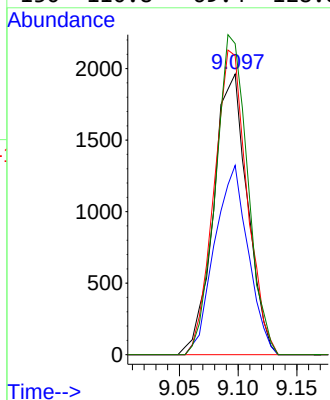
#34
Trichloroethene
Concen: 2.560 ug/L
RT: 9.097 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 3933

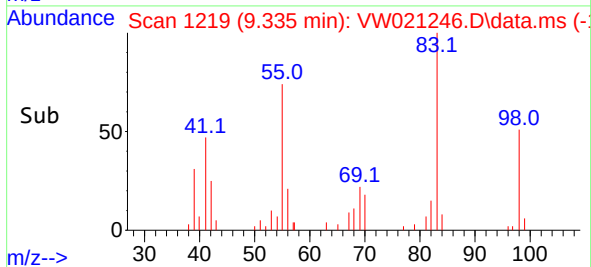
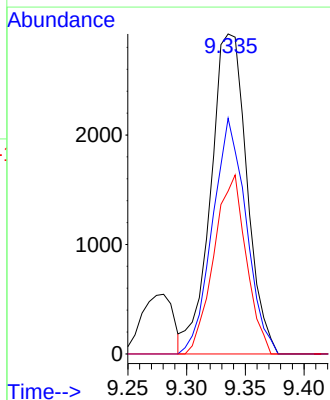
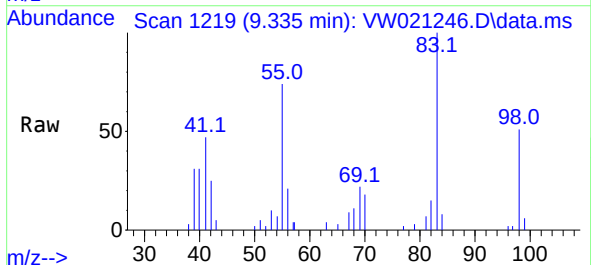
Ion	Ratio	Lower	Upper
95	100		
97	67.4	47.0	87.2
132	106.5	65.5	121.6
130	110.8	69.4	128.8

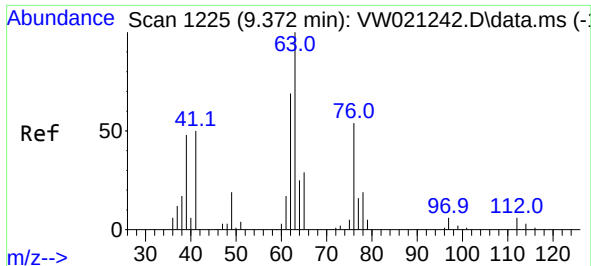


#35
Methylcyclohexane
Concen: 2.466 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 83 Resp: 6250

Ion	Ratio	Lower	Upper
83	100		
55	68.7	70.8	106.2
98	50.0	37.7	56.5





#37

1,2-Dichloropropane

Concen: 2.592 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

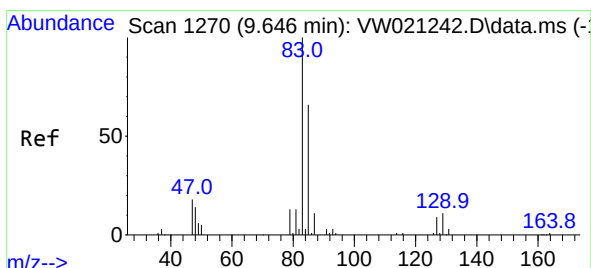
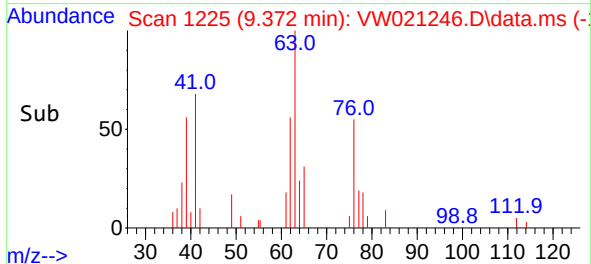
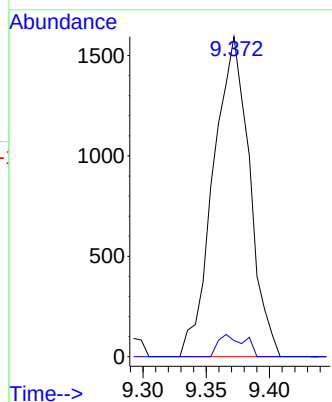
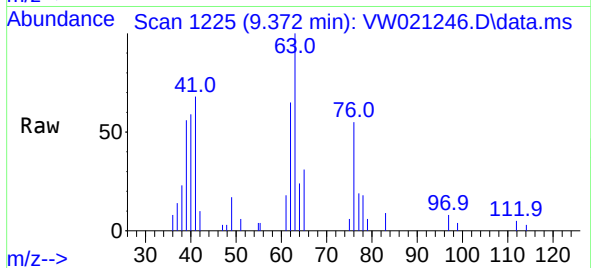
ClientSampleId :

Tgt Ion: 63 Resp: 3165

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 2.346 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

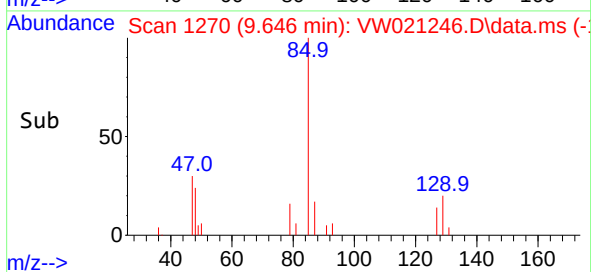
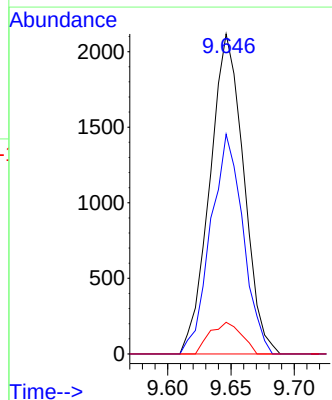
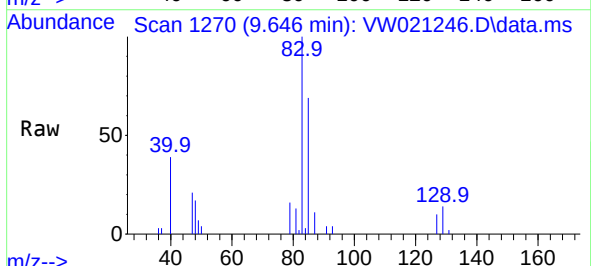
Tgt Ion: 83 Resp: 3938

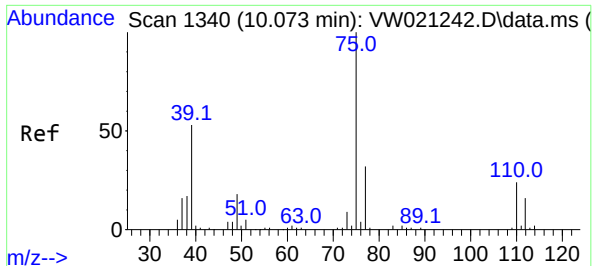
Ion Ratio Lower Upper

83 100

85 68.6 44.1 81.9

127 9.9 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 2.170 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

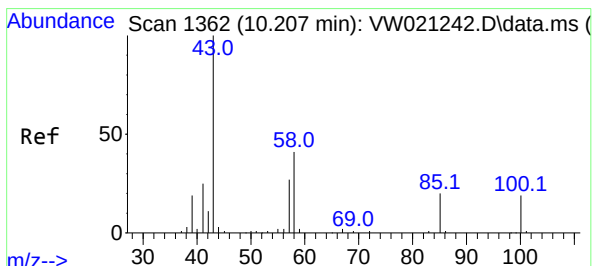
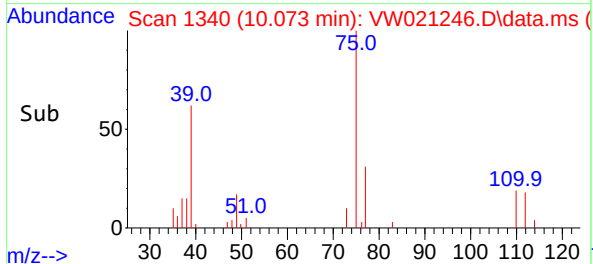
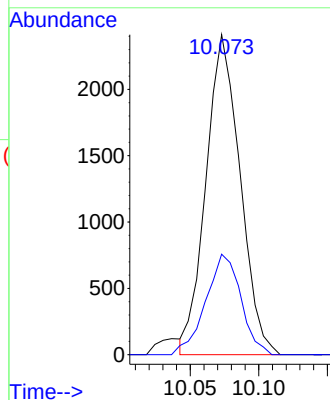
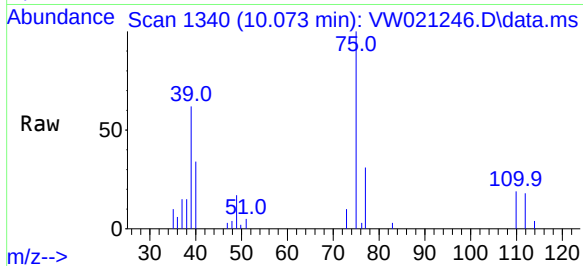
ClientSampleId :

Tgt Ion: 75 Resp: 4177

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 5.393 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

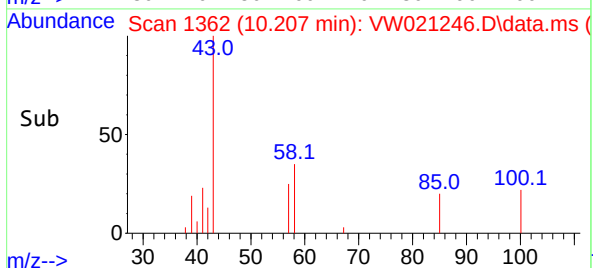
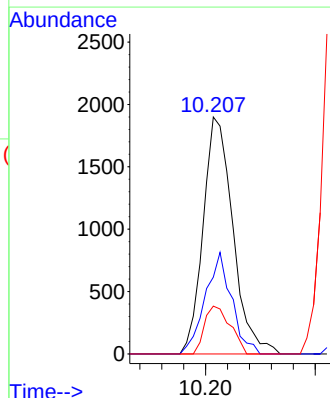
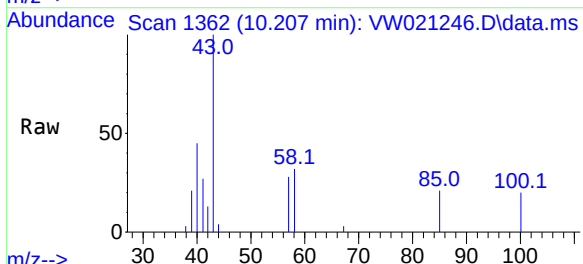
Tgt Ion: 43 Resp: 3588

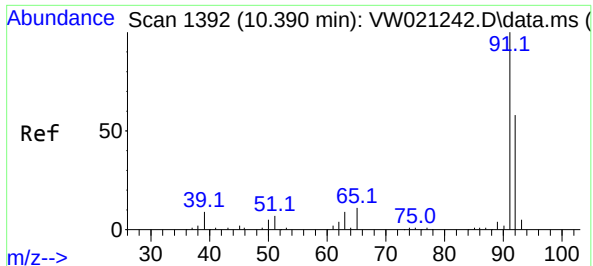
Ion Ratio Lower Upper

43 100

58 37.9 28.8 43.2

100 17.4 10.0 15.0#





#42

Toluene

Concen: 2.399 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

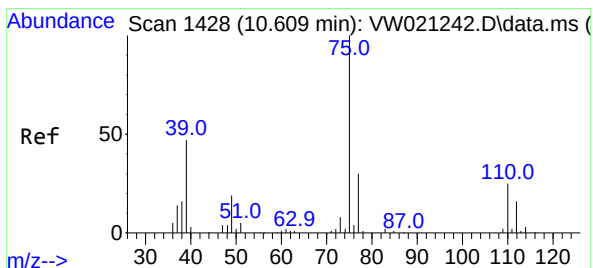
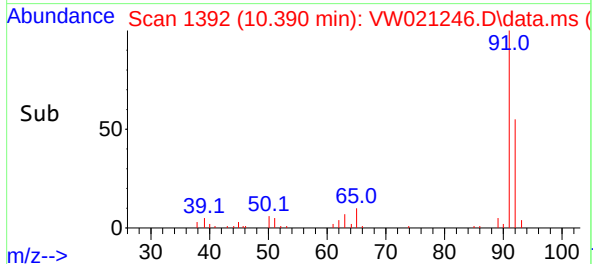
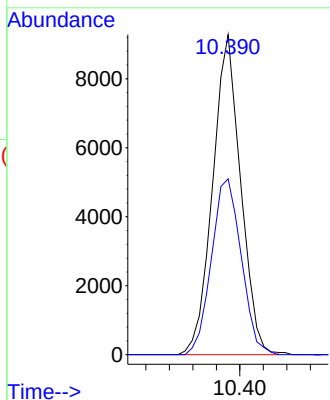
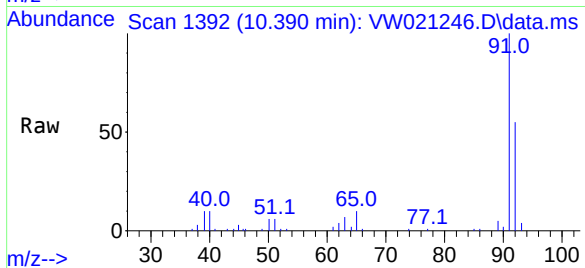
ClientSampleId :

Tgt Ion: 91 Resp: 15358

Ion Ratio Lower Upper

91 100

92 55.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 2.062 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW021246.D

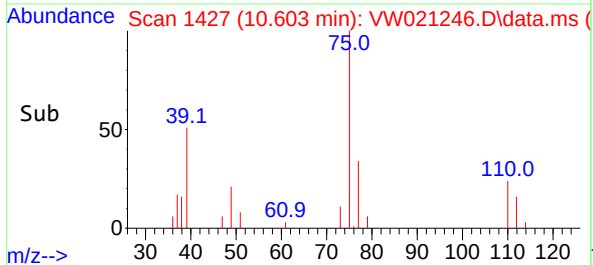
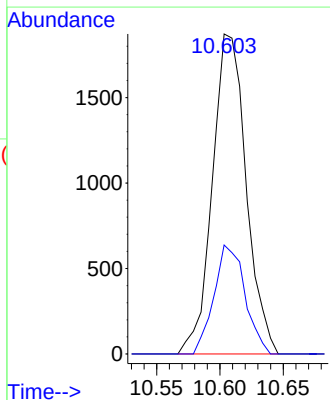
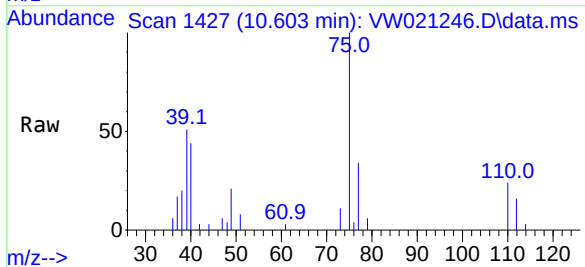
Acq: 09 Dec 2021 16:12

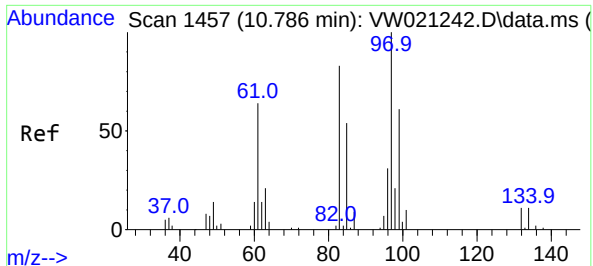
Tgt Ion: 75 Resp: 3476

Ion Ratio Lower Upper

75 100

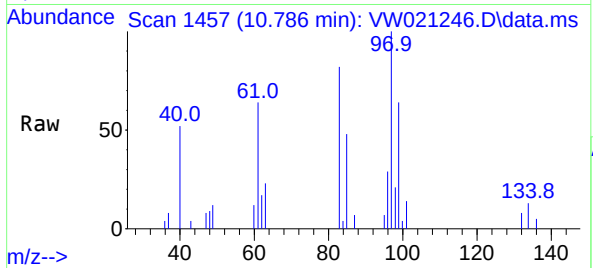
77 34.1 22.2 41.2





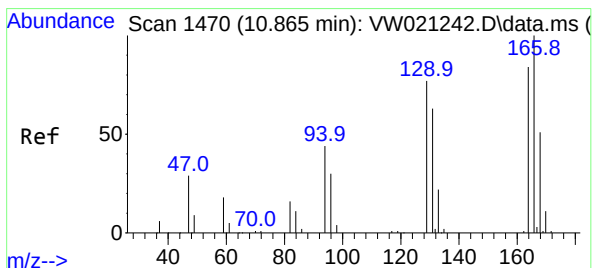
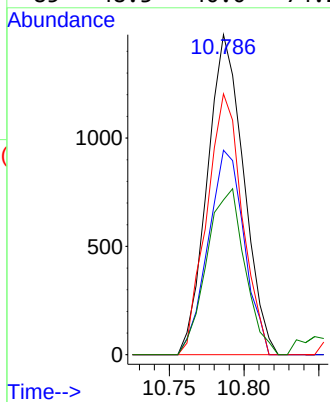
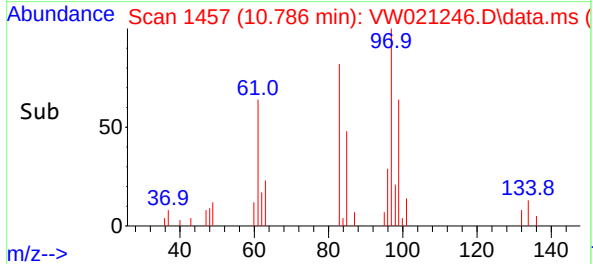
#45
1,1,2-Trichloroethane
Concen: 2.503 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :

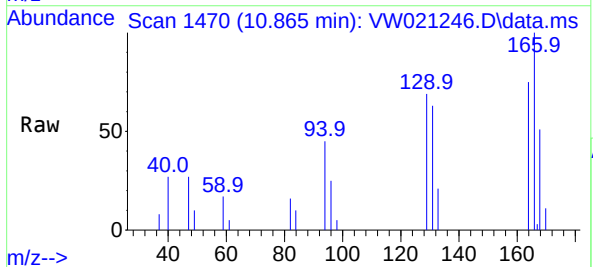


Tgt Ion: 97 Resp: 2501

Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.0	79.8
83	81.5	62.6	116.3
85	48.3	40.0	74.2

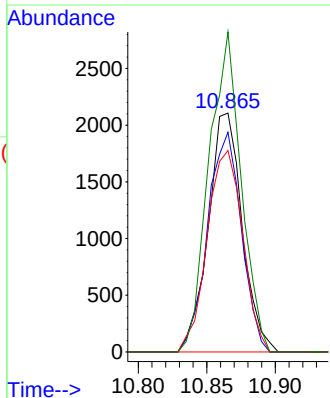
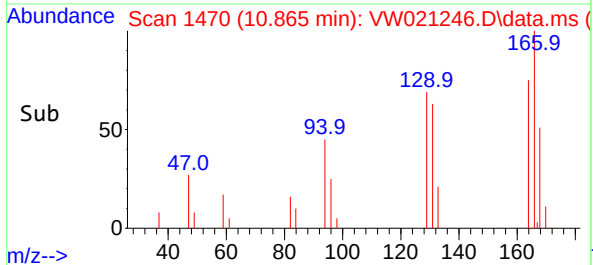


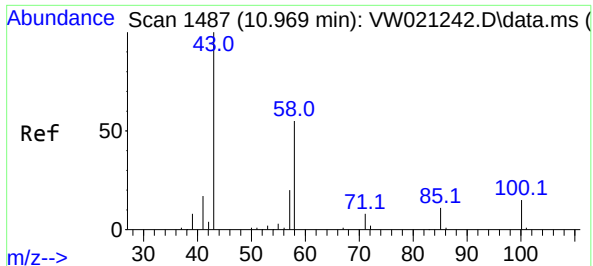
#46
Tetrachloroethene
Concen: 2.484 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12



Tgt Ion: 164 Resp: 3626

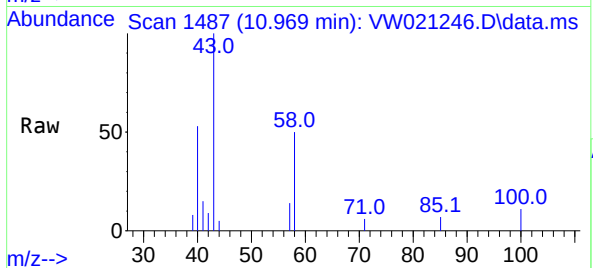
Ion	Ratio	Lower	Upper
164	100		
129	92.0	65.5	121.7
131	84.4	59.7	110.9
166	134.0	88.7	164.7



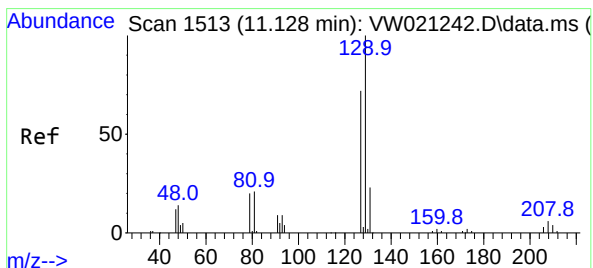
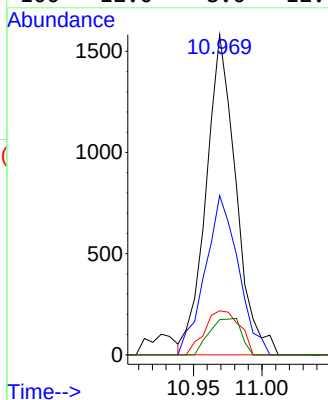
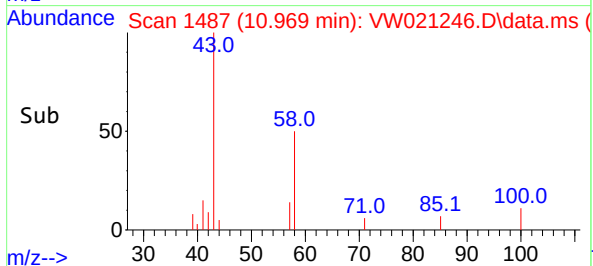


#48
2-Hexanone
Concen: 4.970 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :

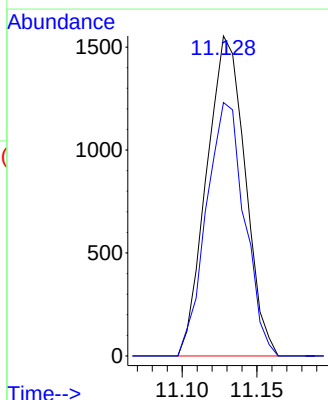
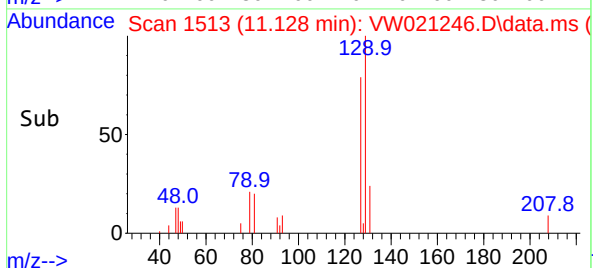
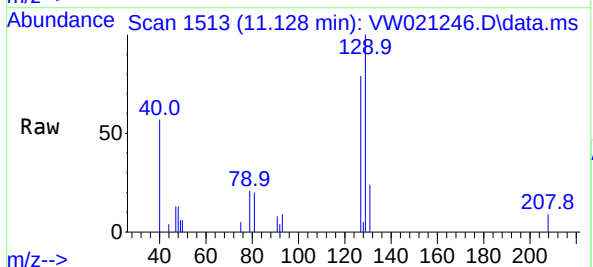


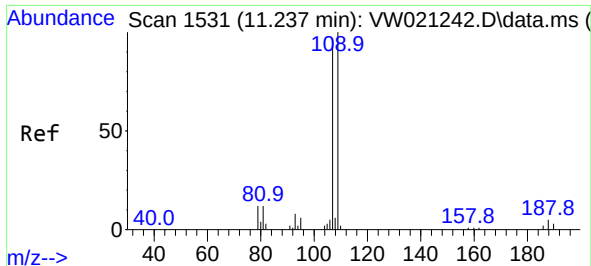
Tgt Ion: 43 Resp: 2398
Ion Ratio Lower Upper
43 100
58 55.2 40.2 60.2
57 16.2 14.3 21.5
100 12.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 2.259 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 129 Resp: 2783
Ion Ratio Lower Upper
129 100
127 79.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 2.391 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

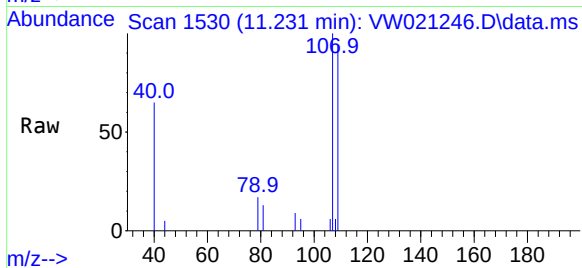
Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

ClientSampleId :



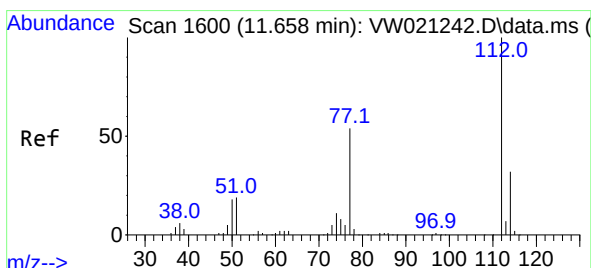
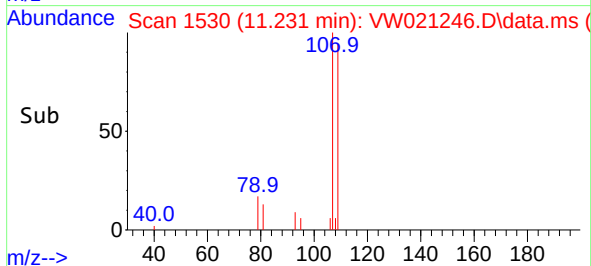
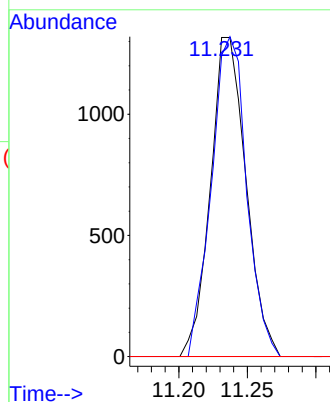
Tgt Ion:107 Resp: 2378

Ion Ratio Lower Upper

107 100

109 94.4 64.1 119.1

188 0.0 2.6 3.8#



#51

Chlorobenzene

Concen: 2.451 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

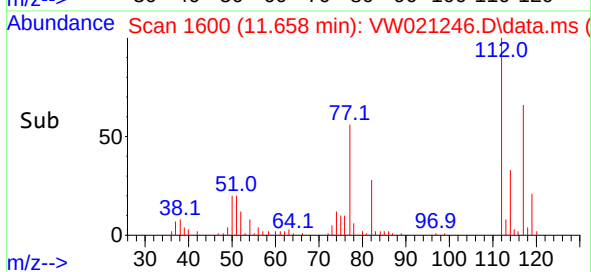
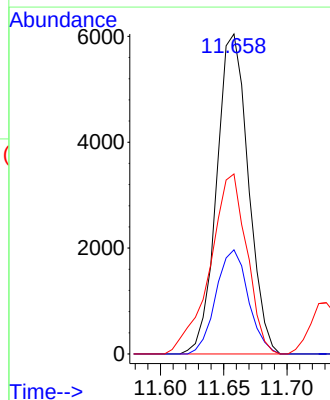
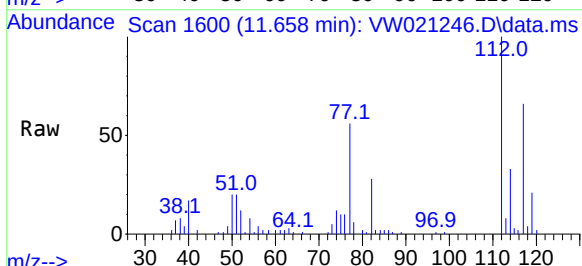
Tgt Ion:112 Resp: 10506

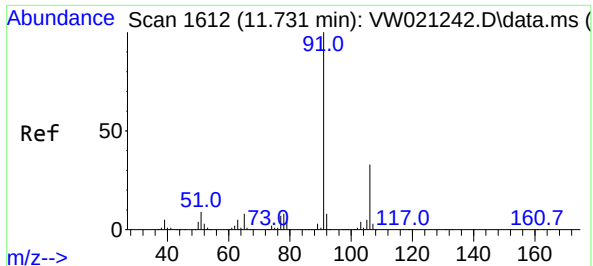
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 56.2 50.2 75.4





#52

Ethylbenzene

Concen: 2.360 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

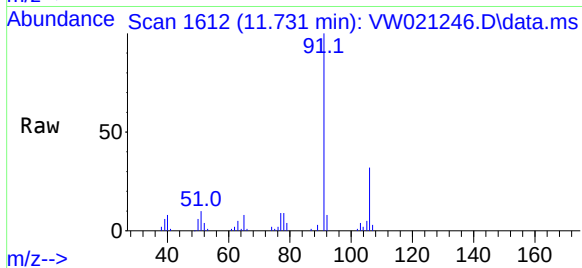
ClientSampleId :

Tgt Ion: 91 Resp: 17269

Ion Ratio Lower Upper

91 100

106 32.2 21.5 39.9



Abundance

11.731

10000

8000

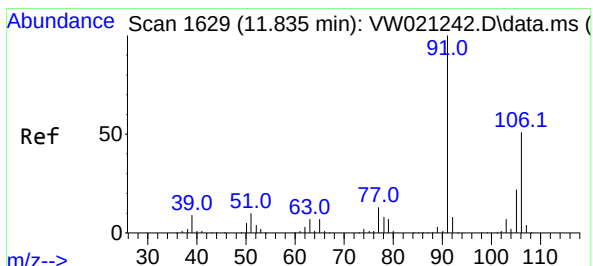
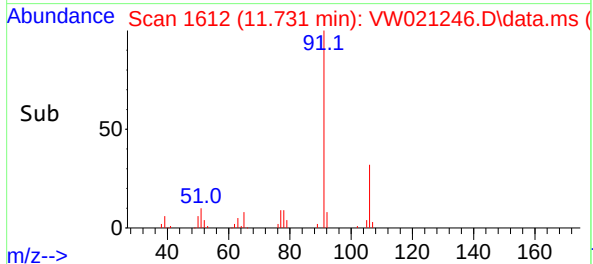
6000

4000

2000

0

Time-->



#53

m,p-Xylene

Concen: 2.325 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021246.D

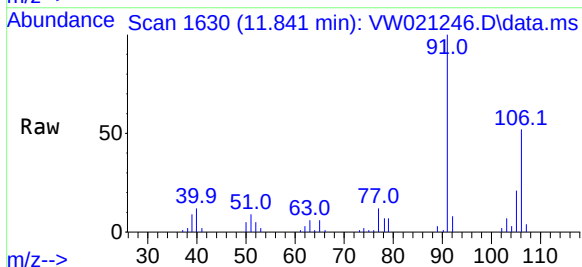
Acq: 09 Dec 2021 16:12

Tgt Ion:106 Resp: 6862

Ion Ratio Lower Upper

106 100

91 190.5 149.9 278.3



Abundance

11.841

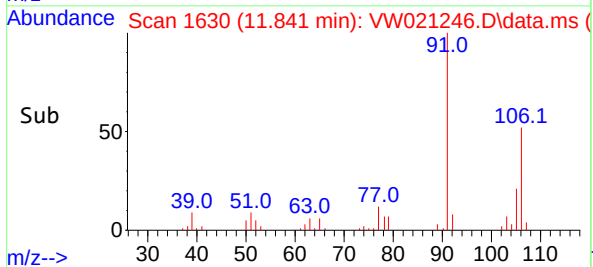
6000

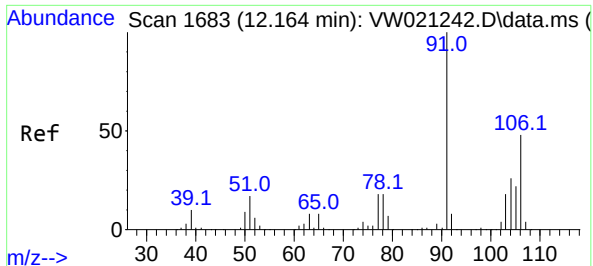
4000

2000

0

Time-->

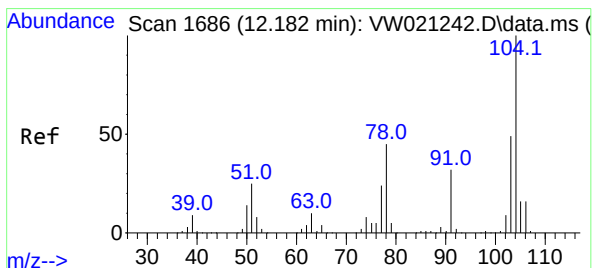
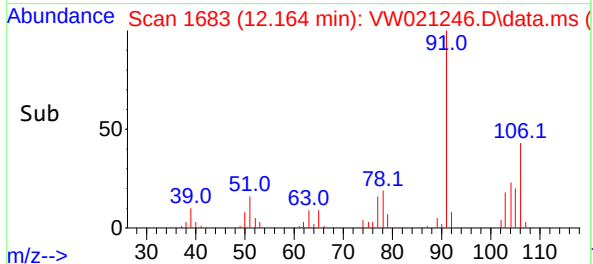
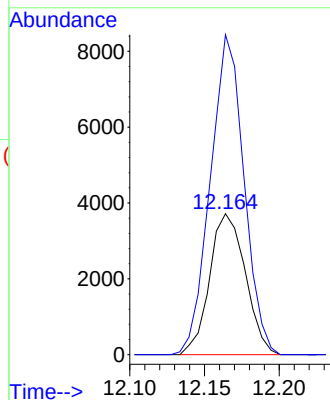
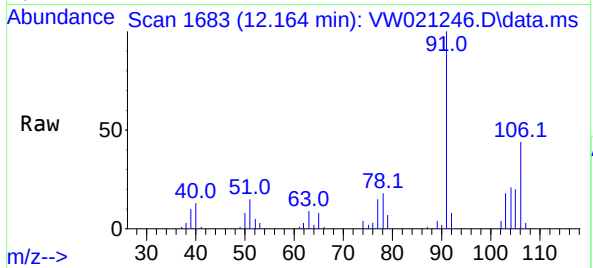




#54
o-Xylene
Concen: 2.209 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

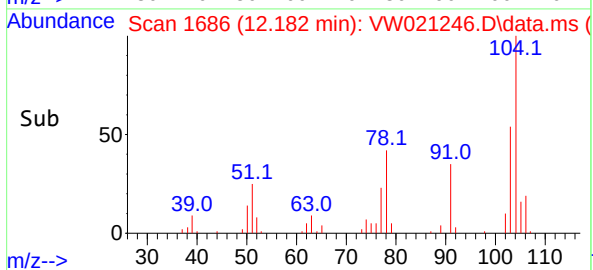
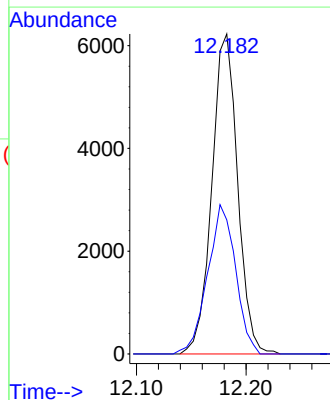
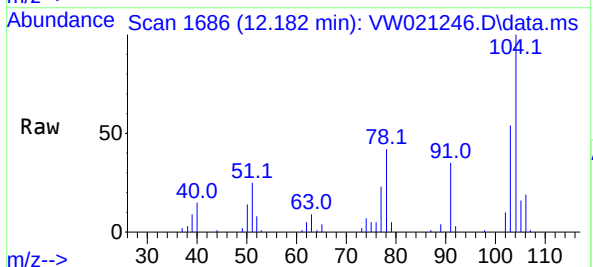
Instrument :
MSVOA_W
ClientSampleId :

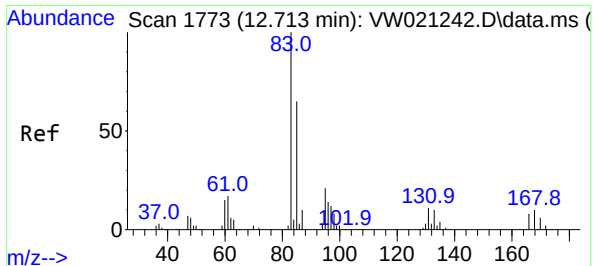
Tgt Ion:106 Resp: 6187
Ion Ratio Lower Upper
106 100
91 226.9 153.6 285.3



#55
Styrene
Concen: 2.136 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion:104 Resp: 10181
Ion Ratio Lower Upper
104 100
78 41.9 34.4 64.0

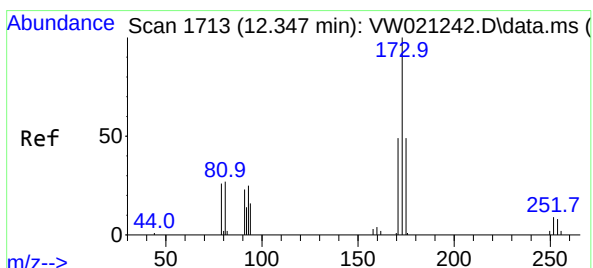
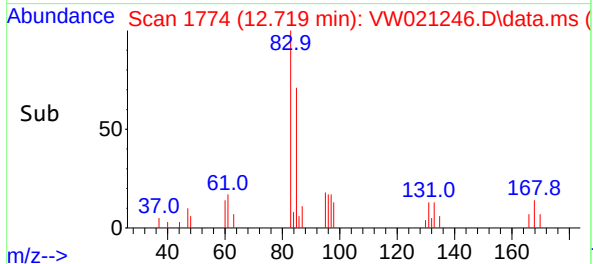
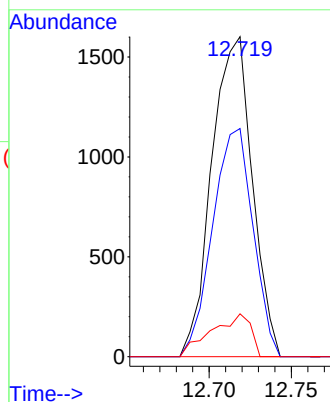
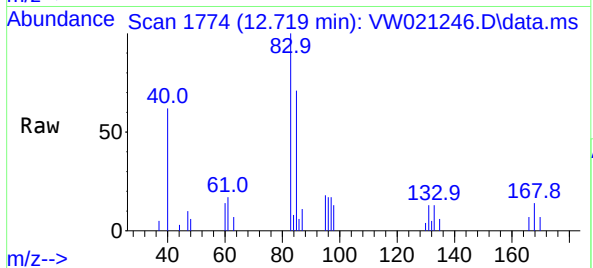




#57
1,1,2,2-Tetrachloroethane
Concen: 2.398 ug/L
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

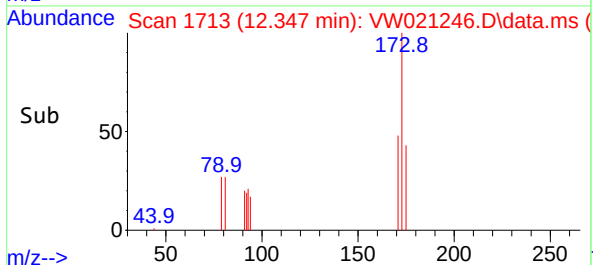
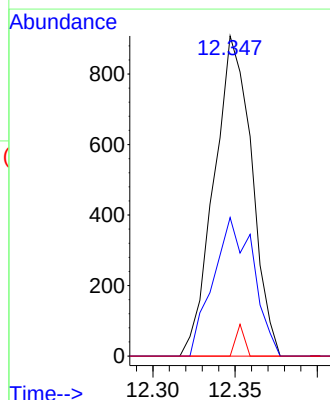
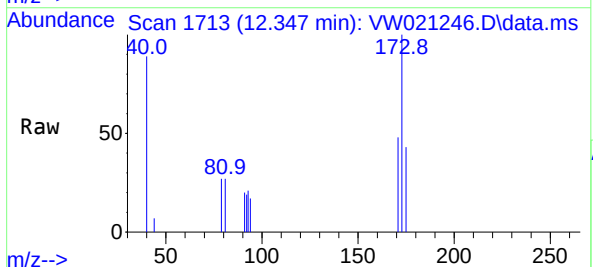
Instrument :
MSVOA_W
ClientSampleId :

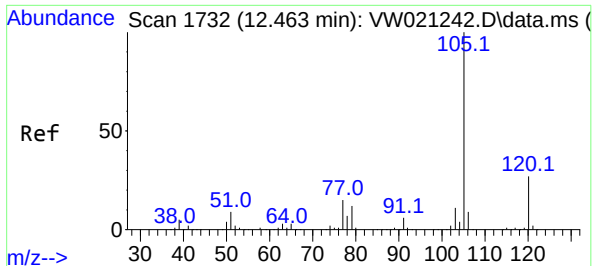
Tgt Ion: 83 Resp: 2747
Ion Ratio Lower Upper
83 100
85 71.3 44.0 81.6
131 13.4 6.9 10.3#



#59
Bromoform
Concen: 2.161 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion:173 Resp: 1446
Ion Ratio Lower Upper
173 100
175 46.3 39.6 59.4
254 0.0 7.4 11.0#

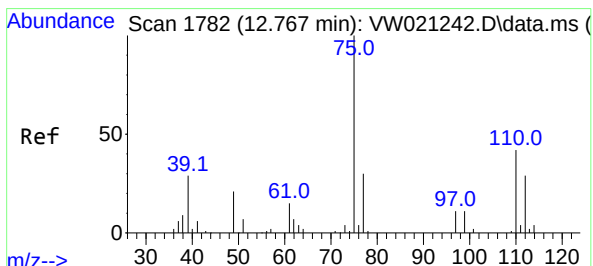
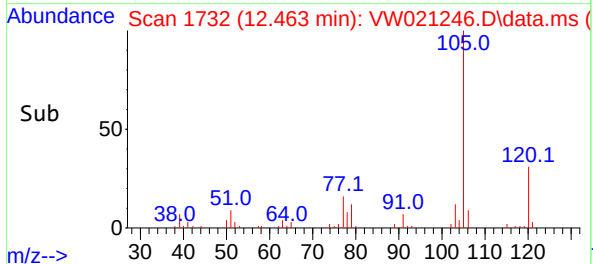
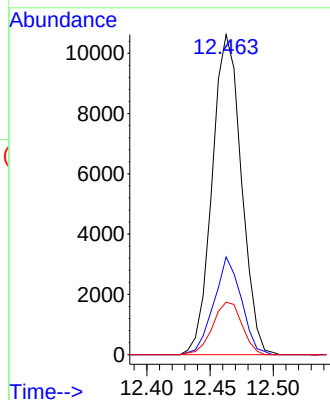
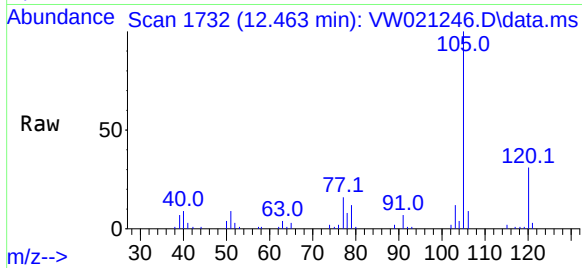




#60
Isopropylbenzene
Concen: 2.232 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

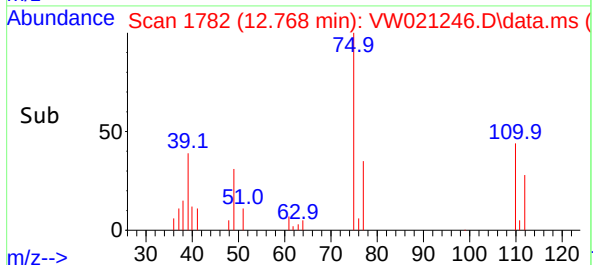
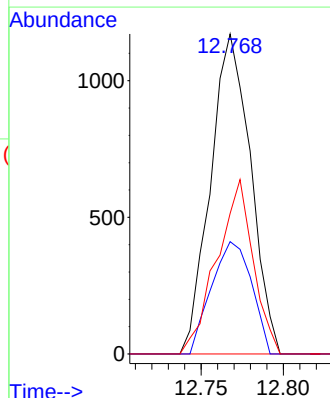
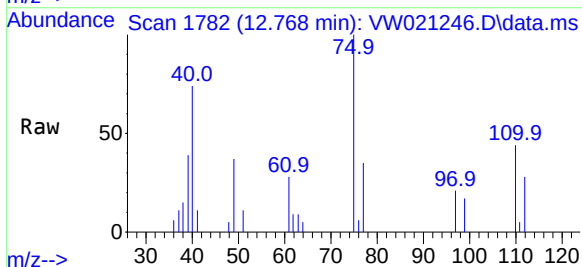
Instrument :
MSVOA_W
ClientSampleId :

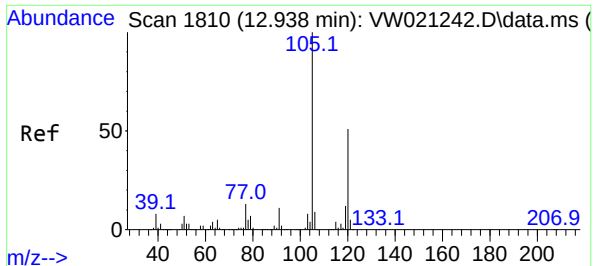
Tgt Ion:105 Resp: 17057
Ion Ratio Lower Upper
105 100
120 28.7 20.1 30.1
77 16.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 2.422 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 75 Resp: 1982
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.8
110 49.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 2.217 ug/L

RT: 12.944 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

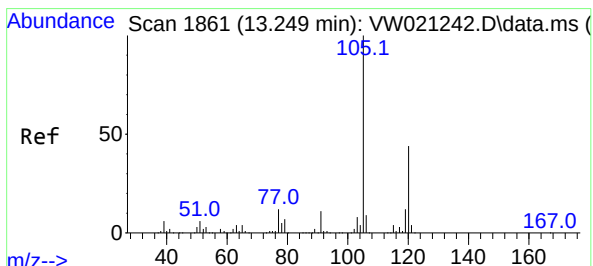
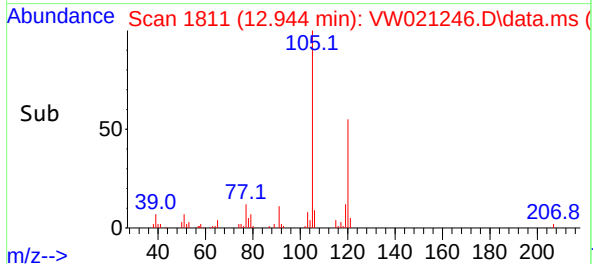
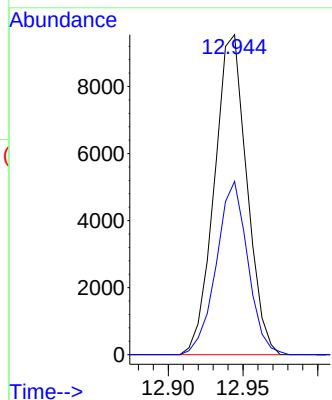
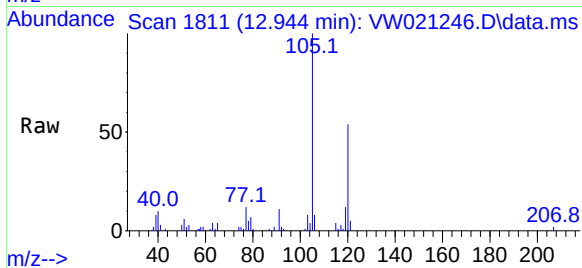
ClientSampleId :

Tgt Ion:105 Resp: 14413

Ion Ratio Lower Upper

105 100

120 52.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.248 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021246.D

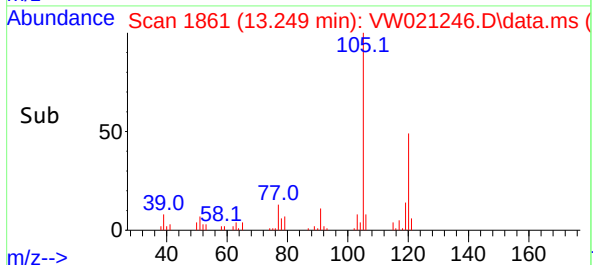
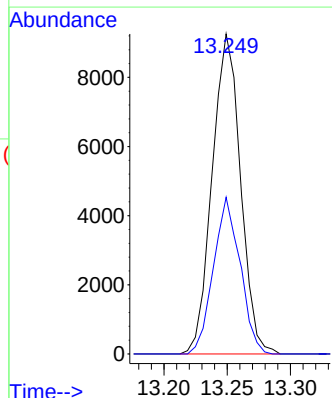
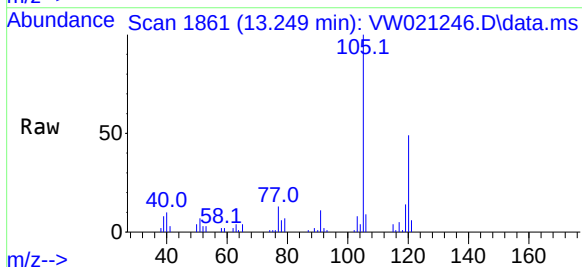
Acq: 09 Dec 2021 16:12

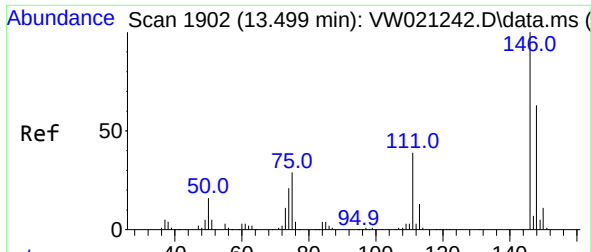
Tgt Ion:105 Resp: 14420

Ion Ratio Lower Upper

105 100

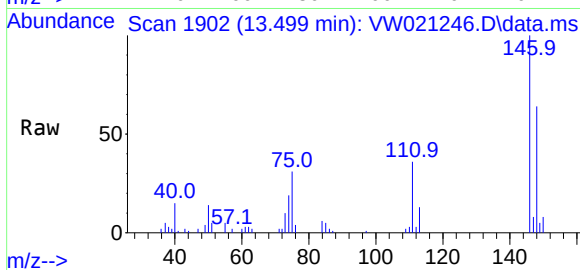
120 46.1 35.0 52.6



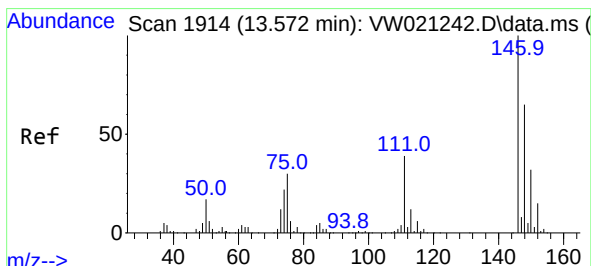
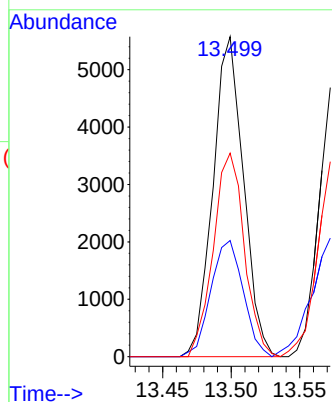
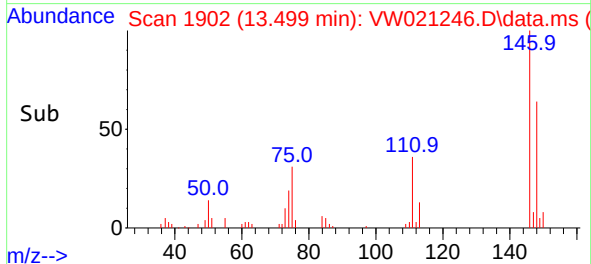


#64
1,3-Dichlorobenzene
Concen: 2.394 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

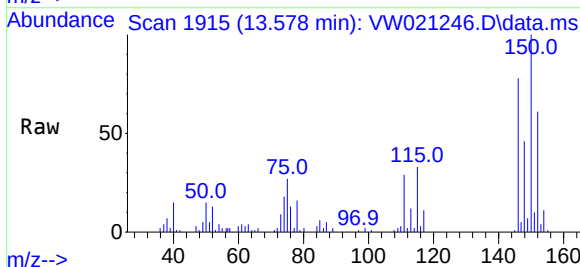
Instrument :
MSVOA_W
ClientSampleId :



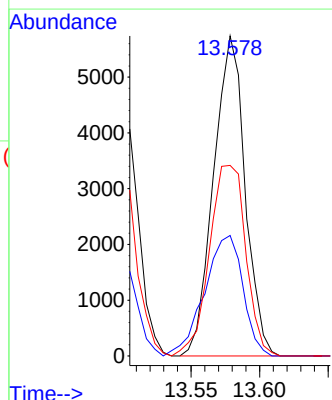
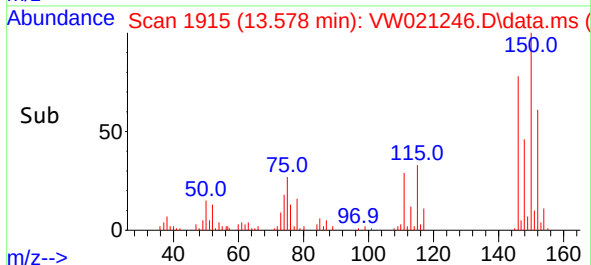
Tgt Ion:146 Resp: 8627
Ion Ratio Lower Upper
146 100
111 36.3 29.8 55.3
148 63.6 46.2 85.8

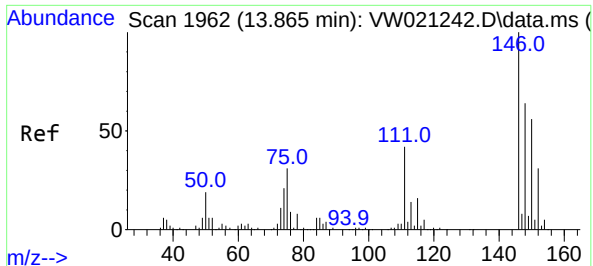


#65
1,4-Dichlorobenzene
Concen: 2.565 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12



Tgt Ion:146 Resp: 9184
Ion Ratio Lower Upper
146 100
111 37.6 29.0 53.9
148 59.5 46.9 87.1

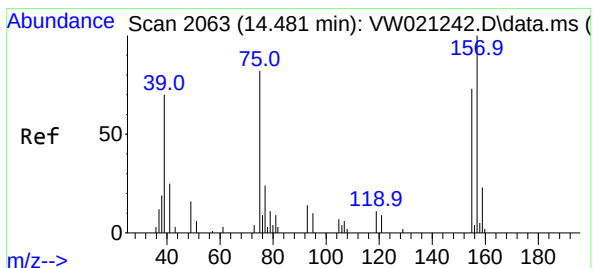
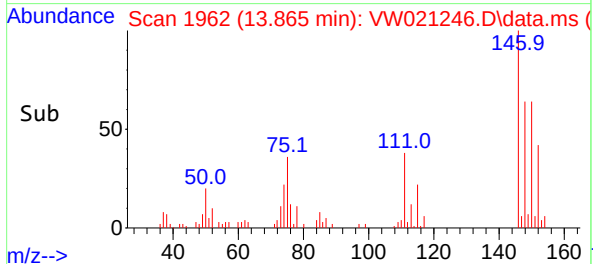
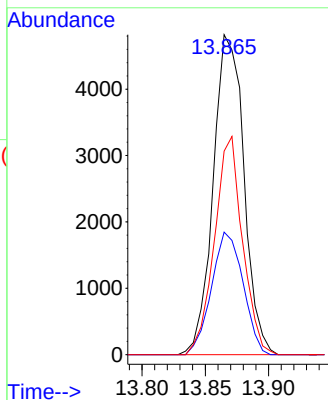
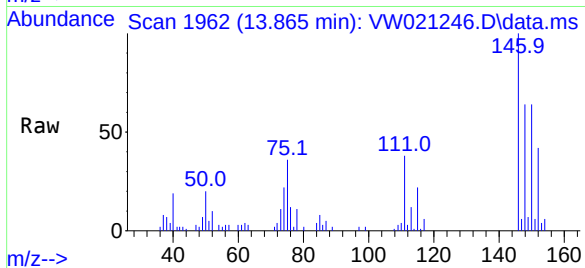




#67
1,2-Dichlorobenzene
Concen: 2.564 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

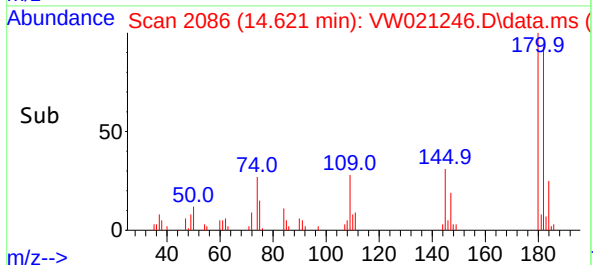
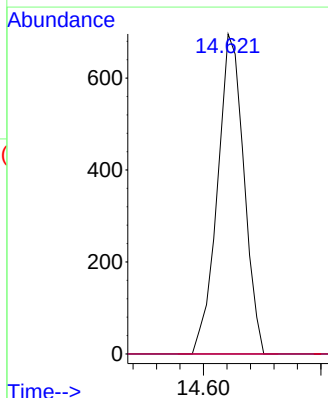
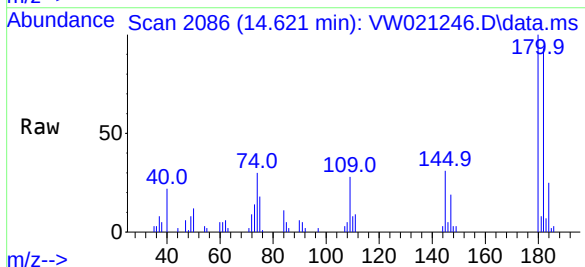
Instrument :
MSVOA_W
ClientSampleId :

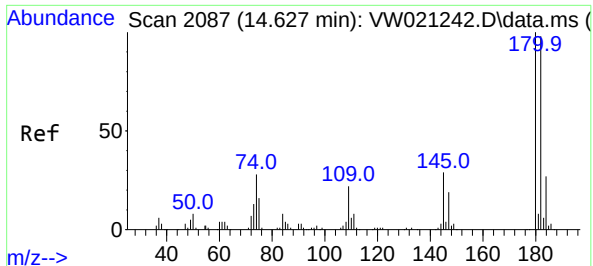
Tgt Ion:146 Resp: 8137
Ion Ratio Lower Upper
146 100
111 38.3 33.1 49.7
148 63.6 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 6.439 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.140 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion: 75 Resp: 1087
Ion Ratio Lower Upper
75 100
155 0.0 54.2 81.2#
157 0.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 2.580 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 6949

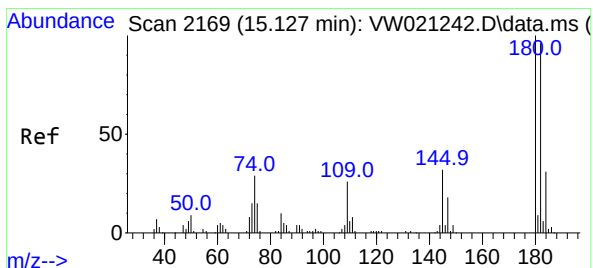
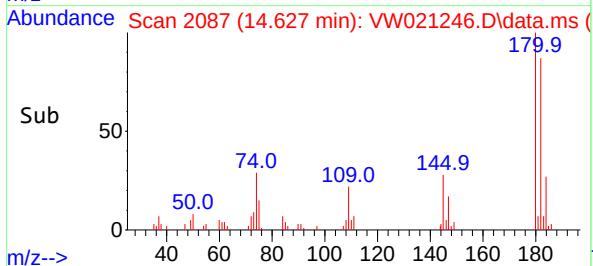
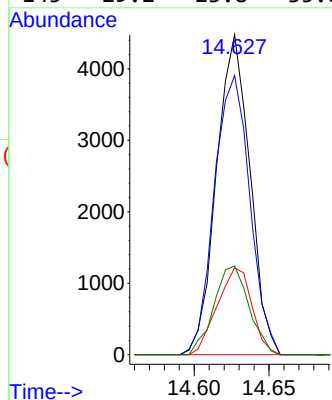
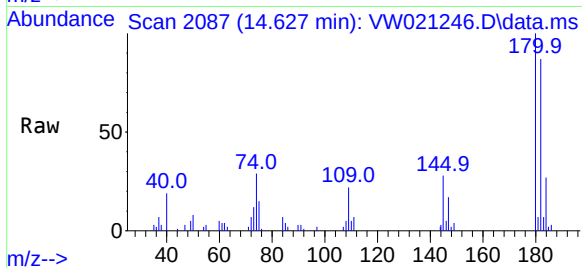
Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.0

184 28.1 23.8 35.8

145 29.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 2.599 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021246.D

Acq: 09 Dec 2021 16:12

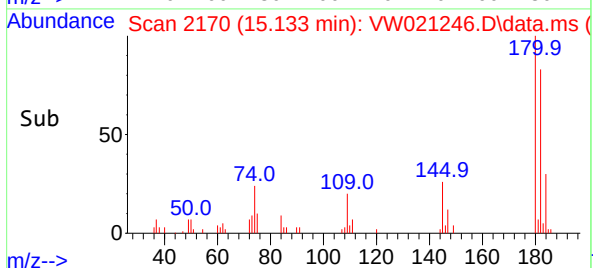
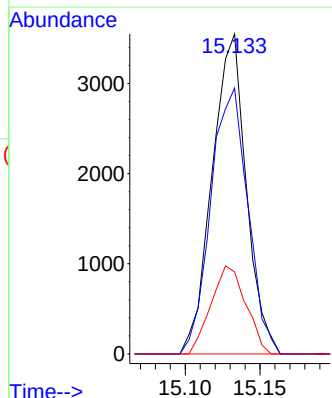
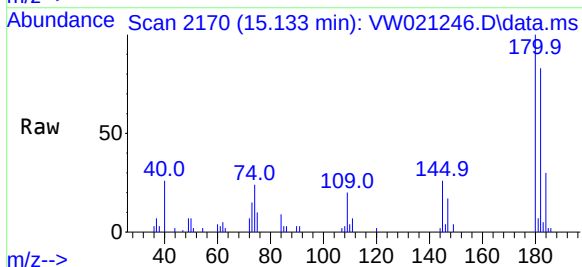
Tgt Ion:180 Resp: 5632

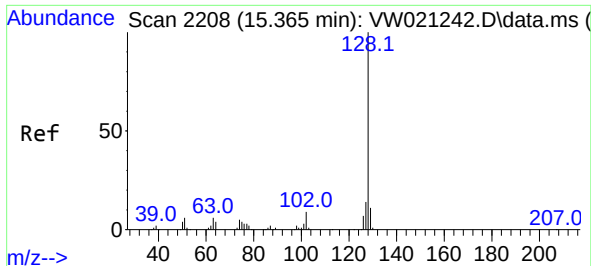
Ion Ratio Lower Upper

180 100

182 90.1 79.0 118.6

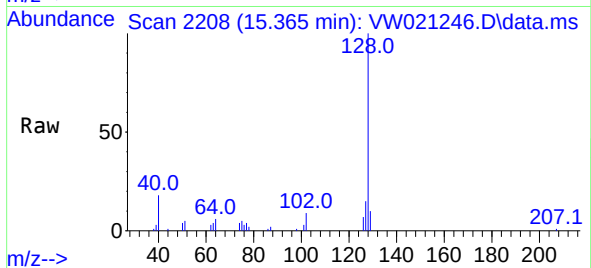
145 28.0 26.0 39.0



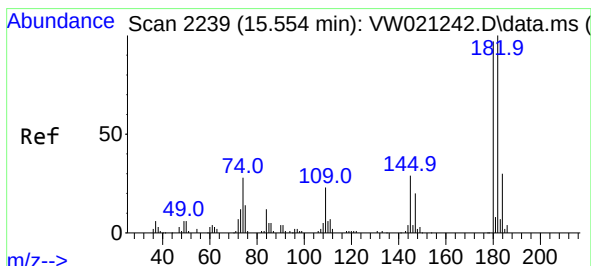
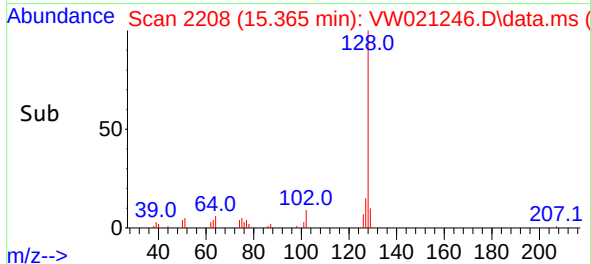
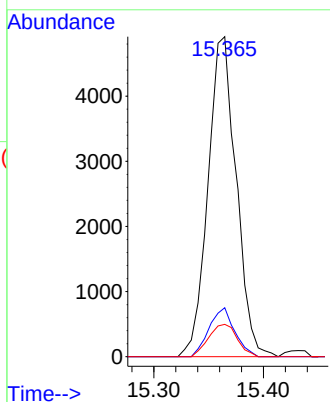


#71
Naphthalene
Concen: 2.498 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128	Resp:	8795
Ion	Ratio	Lower Upper
128	100	
127	13.9	10.7 16.1
129	10.3	8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.575 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021246.D
Acq: 09 Dec 2021 16:12

Tgt Ion:180	Resp:	4611
Ion	Ratio	Lower Upper
180	100	
182	97.8	76.6 114.8
145	31.9	27.4 41.0

