

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021251.D
 Acq On : 09 Dec 2021 19:23
 Operator : SY/VA
 Sample : M4885-19MSDRE
 Misc : 5.66g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:32:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	110381	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	109227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	62974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43367	21.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.885	69	28362	21.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
11) 1,1-Dichloroethene-d2	4.019	63	54485	20.329	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.320%
21) 2-Butanone-d5	7.074	46	13469	47.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.060%
24) Chloroform-d	7.647	84	60195	19.569	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.280%
26) 1,2-Dichloroethane-d4	8.305	65	32626	19.939	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.760%
32) Benzene-d6	8.275	84	113810	19.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.040%
36) 1,2-Dichloropropane-d6	9.274	67	31349	19.524	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.080%
41) Toluene-d8	10.323	98	115620	18.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	10.579	79	15761	21.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.280%
47) 2-Hexanone-d5	10.920	63	11385	47.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	30792	22.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	46280	18.963	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11134	26.106	ug/L	100
3) Chloromethane	2.215	50	30559	21.643	ug/L	100
5) Vinyl chloride	2.361	62	50293	22.690	ug/L	97
6) Bromomethane	2.776	94	31404	21.843	ug/L	94
8) Chloroethane	2.922	64	23443	22.957	ug/L	100
9) Trichlorofluoromethane	3.257	101	23062	19.719	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	32902	21.587	ug/L	91
12) 1,1-Dichloroethene	4.037	96	29250	21.378	ug/L	84
13) Acetone	4.123	43	12100	47.631	ug/L	92
14) Carbon disulfide	4.385	76	77573	21.955	ug/L	99
15) Methyl Acetate	4.672	43	11605	26.476	ug/L	# 86
16) Methylene chloride	4.915	84	32429	17.780	ug/L	82
17) trans-1,2-Dichloroethene	5.427	96	32175	21.719	ug/L	83
18) Methyl tert-butyl Ether	5.427	73	49970	24.423	ug/L	94
19) 1,1-Dichloroethane	6.220	63	51418	22.118	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	34262	21.927	ug/L	70
22) 2-Butanone	7.171	43	17242	51.972	ug/L	86
23) Bromochloromethane	7.512	128	16990	23.254	ug/L	# 65
25) Chloroform	7.677	83	58509	21.681	ug/L	93

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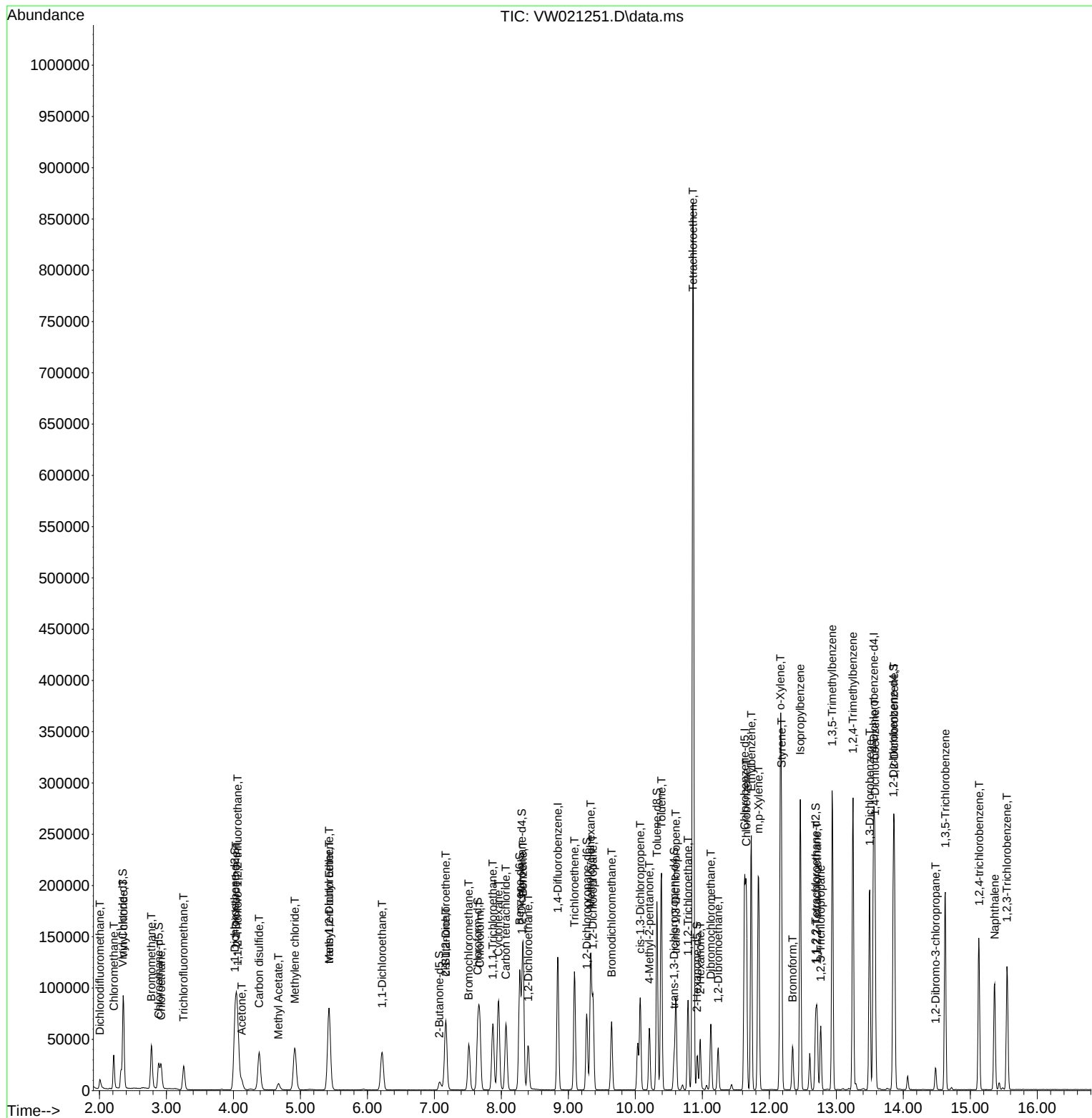
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39943	23.373	ug/L	98
29) Cyclohexane	7.957	56	44549	20.491	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	52155	21.281	ug/L	94
31) Carbon tetrachloride	8.067	117	48042	21.250	ug/L	100
33) Benzene	8.323	78	124717	20.960	ug/L	100
34) Trichloroethene	9.091	95	36302	21.734	ug/L	92
35) Methylcyclohexane	9.335	83	55091	19.995	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	29099	21.925	ug/L #	95
38) Bromodichloromethane	9.646	83	41502	22.743	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	46562	22.255	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	37458	51.797	ug/L #	91
42) Toluene	10.390	91	155162	22.297	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45469	24.813	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	26255	24.169	ug/L	96
46) Tetrachloroethene	10.859	164	189217	119.250	ug/L	94
48) 2-Hexanone	10.969	43	29403	56.066	ug/L #	94
49) Dibromochloromethane	11.128	129	32715	24.429	ug/L	98
50) 1,2-Dibromoethane	11.237	107	25904	23.961	ug/L #	95
51) Chlorobenzene	11.658	112	100138	21.493	ug/L	94
52) Ethylbenzene	11.731	91	170095	21.389	ug/L	100
53) m,p-Xylene	11.841	106	69662	21.715	ug/L	89
54) o-Xylene	12.164	106	66911	21.977	ug/L	98
55) Styrene	12.182	104	110195	21.266	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	32016	25.710	ug/L #	98
59) Bromoform	12.347	173	18880	25.197	ug/L #	96
60) Isopropylbenzene	12.463	105	179511	20.978	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	23699	25.858	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	149353	20.511	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	152084	21.173	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	79912	19.799	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	81867	20.415	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	75838	21.343	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4946	26.163	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	60445	20.037	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	47287	19.489	ug/L	96
71) Naphthalene	15.365	128	90142	22.867	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	40124	20.009	ug/L	97

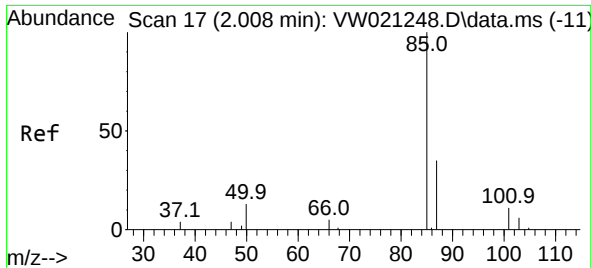
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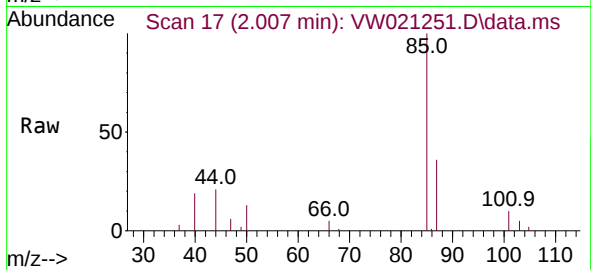
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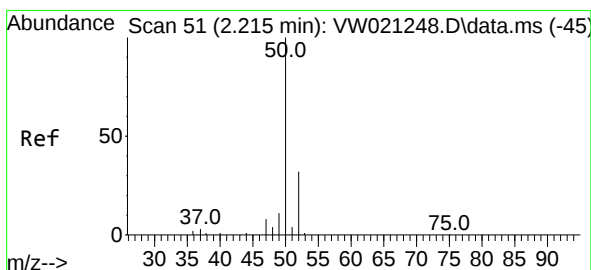
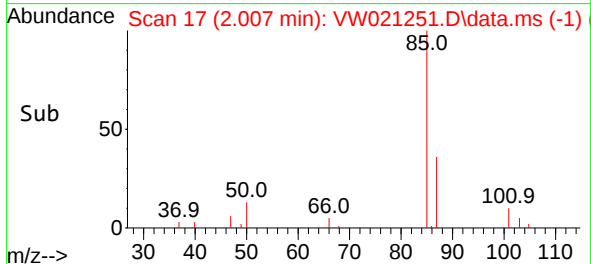
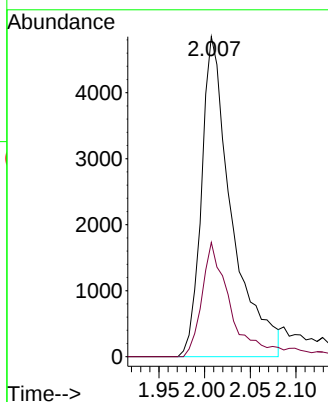


#2
 Dichlorodifluoromethane
 Concen: 26.106 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23

Instrument :
 MSVOA_W
 ClientSampleId :

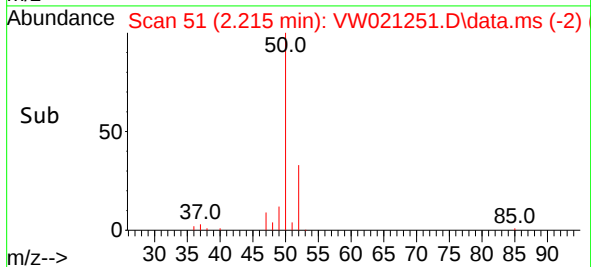
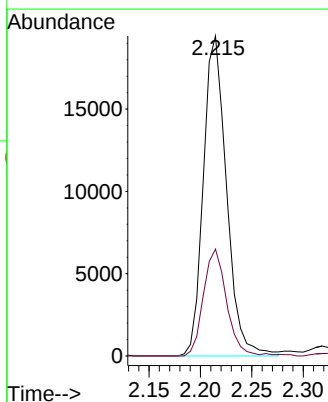
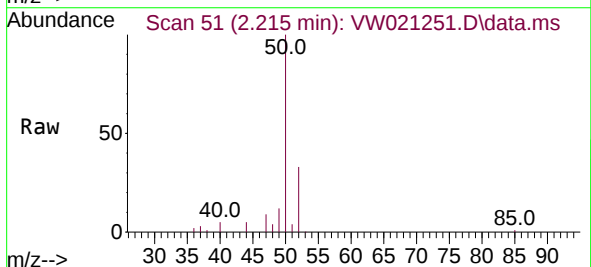


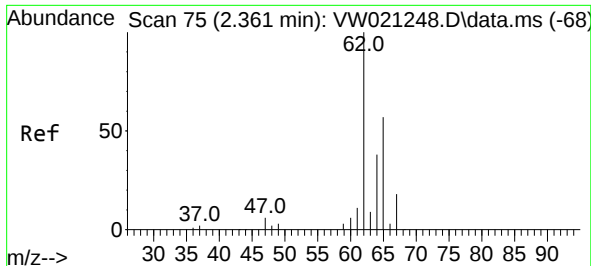
Tgt Ion: 85 Resp: 11134
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 21.643 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23

Tgt Ion: 50 Resp: 30559
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.6

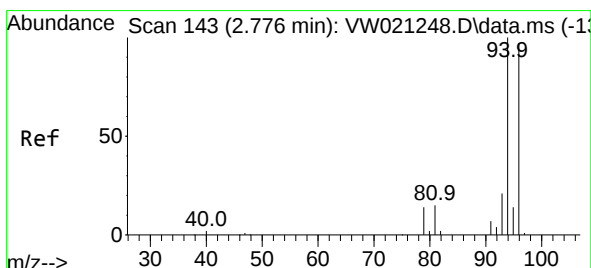
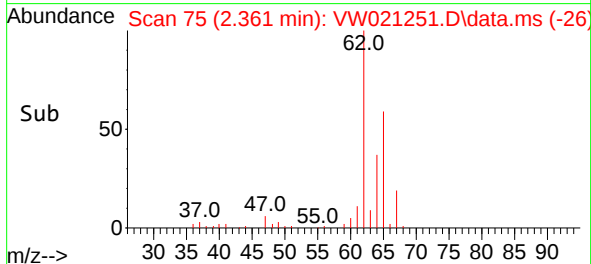
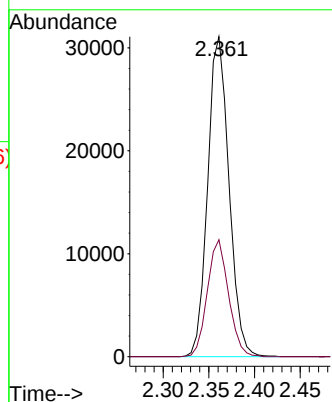
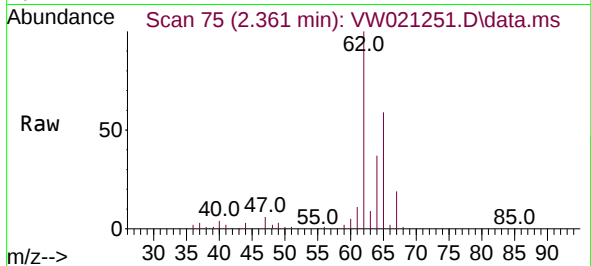




#5
 Vinyl chloride
 Concen: 22.690 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23

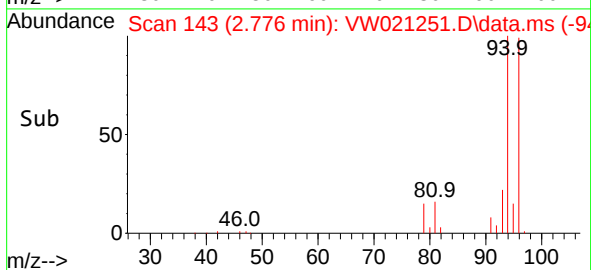
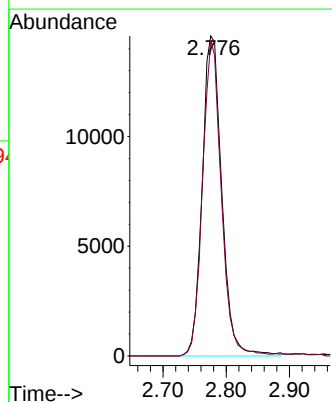
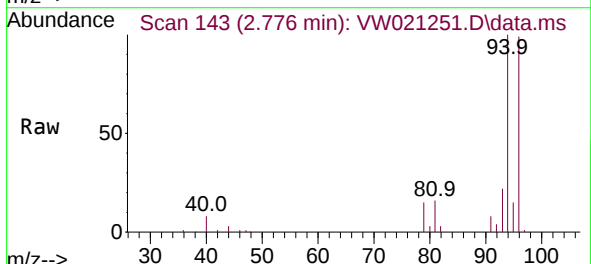
Instrument :
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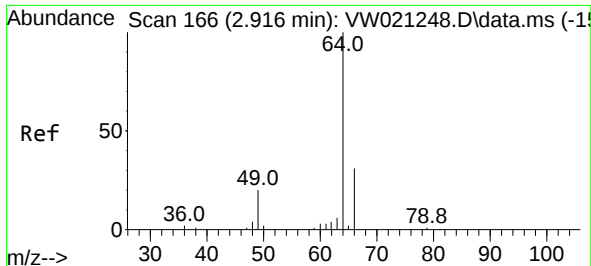
Tgt Ion: 62 Resp: 50293
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.4 45.2



#6
 Bromomethane
 Concen: 21.843 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23

Tgt Ion: 94 Resp: 31404
 Ion Ratio Lower Upper
 94 100
 96 98.7 64.8 120.4

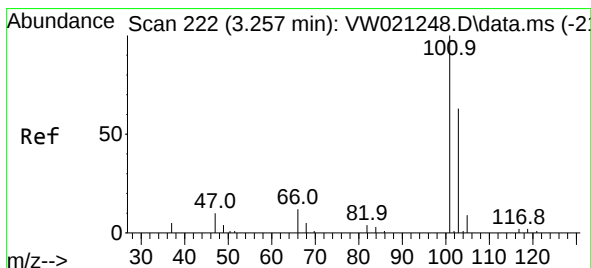
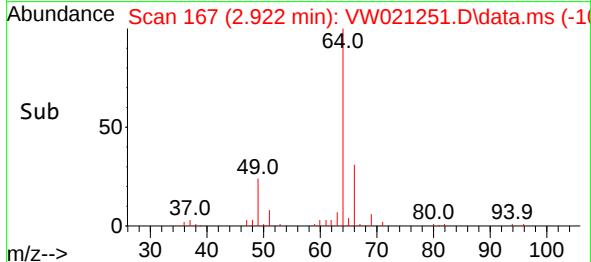
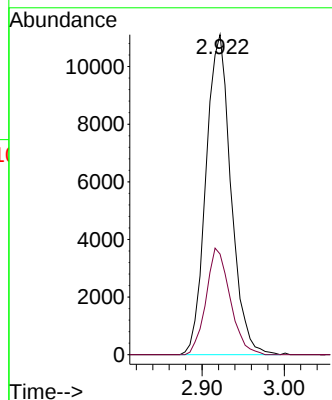
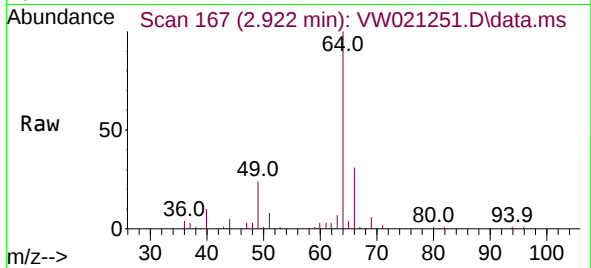




#8
Chloroethane
Concen: 22.957 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

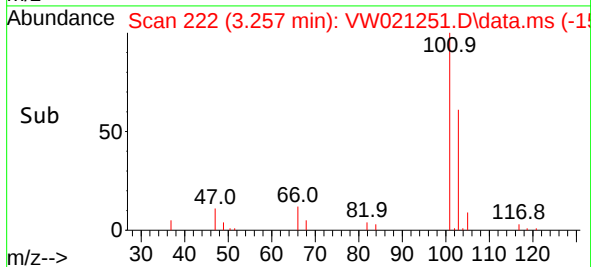
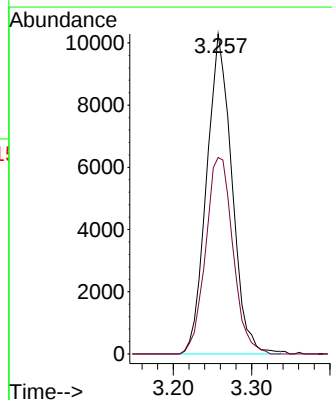
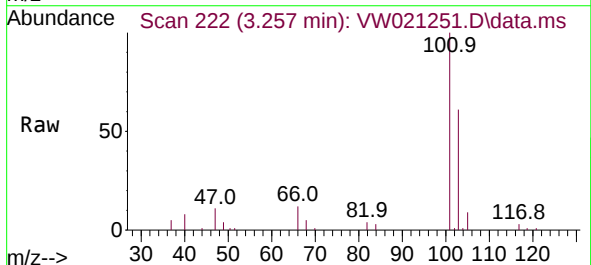
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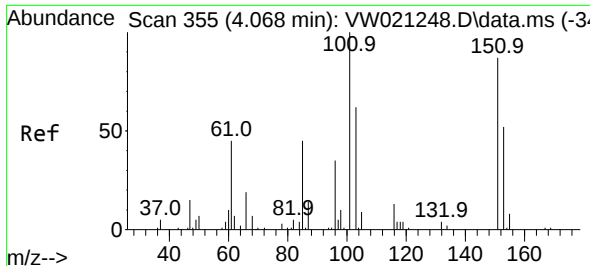
Tgt Ion: 64 Resp: 23443
Ion Ratio Lower Upper
64 100
66 31.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.719 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion:101 Resp: 23062
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2

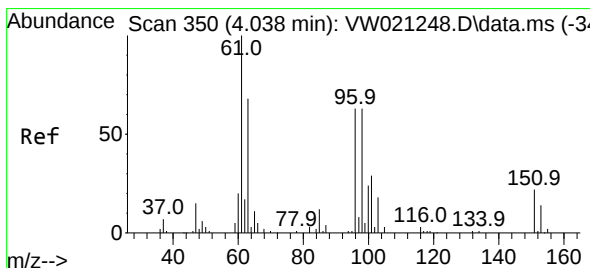
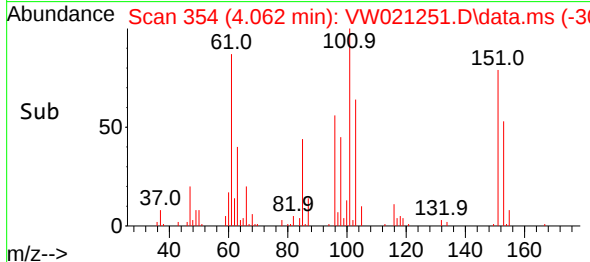
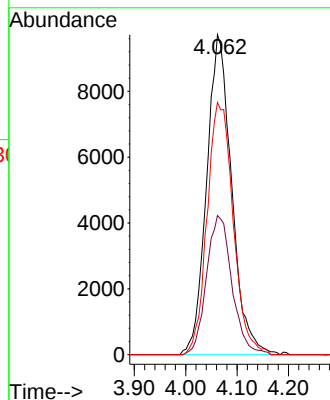
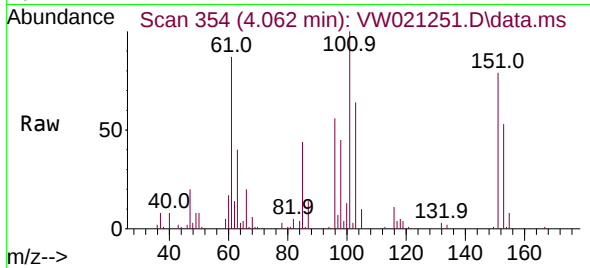




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.587 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23

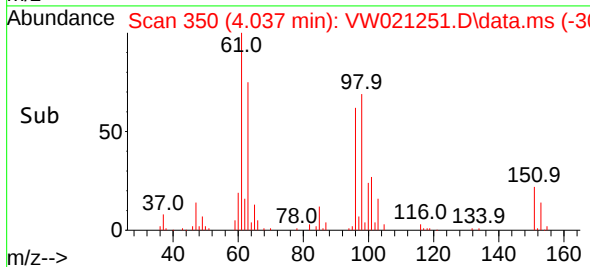
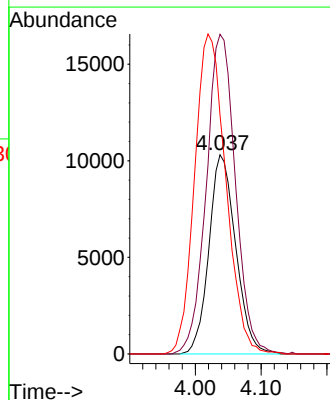
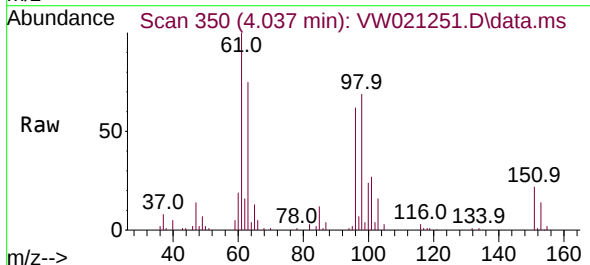
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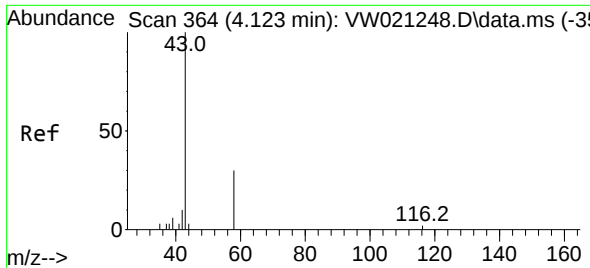
Tgt Ion:101 Resp: 32902
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.6 54.8
 151 82.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.378 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23

Tgt Ion: 96 Resp: 29250
 Ion Ratio Lower Upper
 96 100
 61 160.5 138.3 256.9
 63 119.9 82.6 153.4

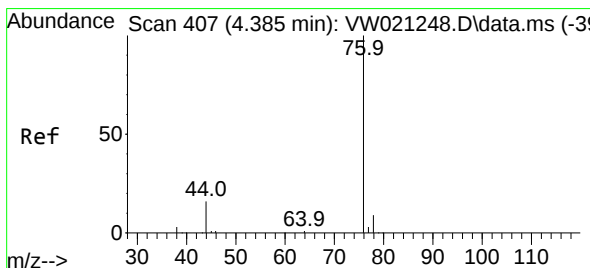
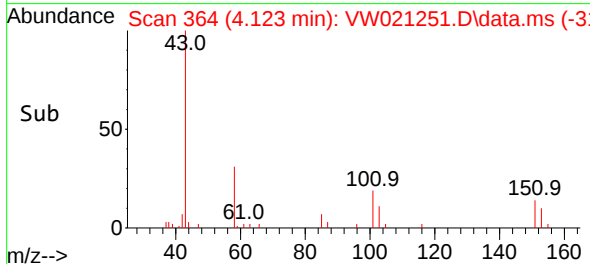
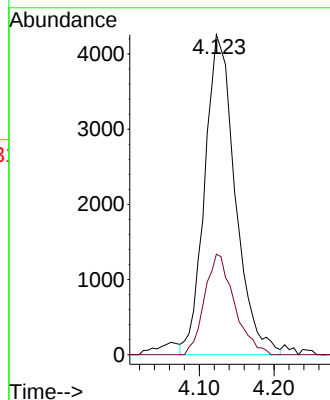
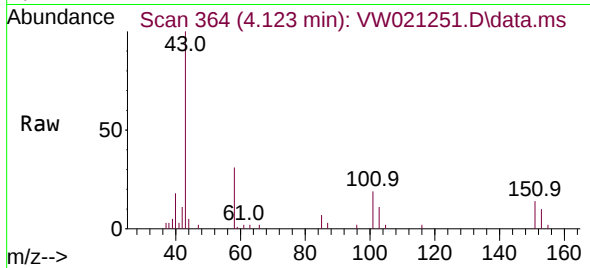




#13
Acetone
Concen: 47.631 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

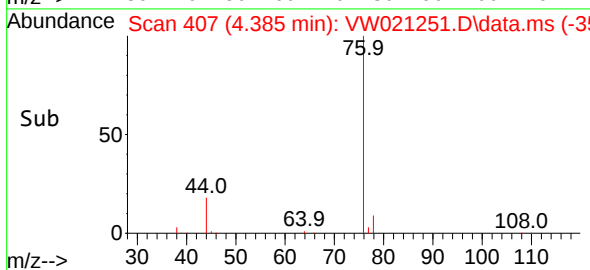
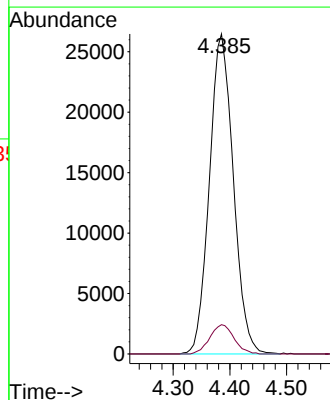
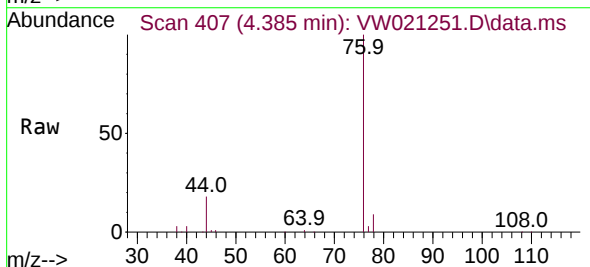
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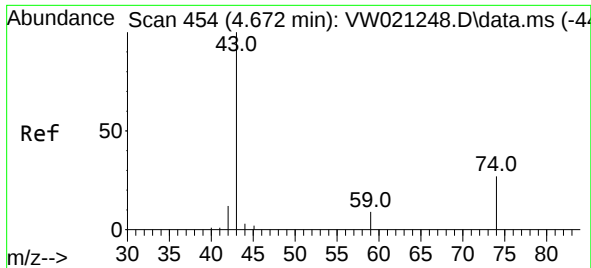
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Ion Ratio Lower Upper
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58 30.5 0.0 52.8



#14
Carbon disulfide
Concen: 21.955 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion: 76 Resp: 77573
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

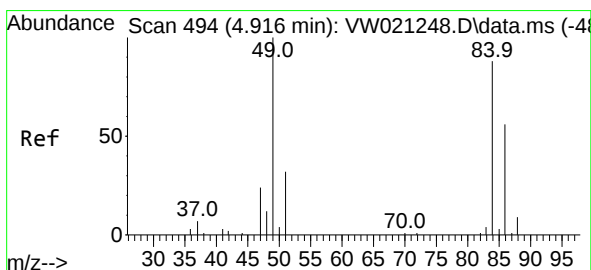
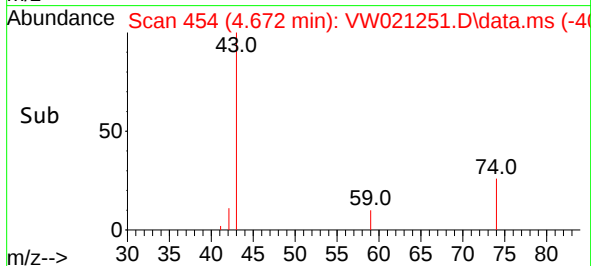
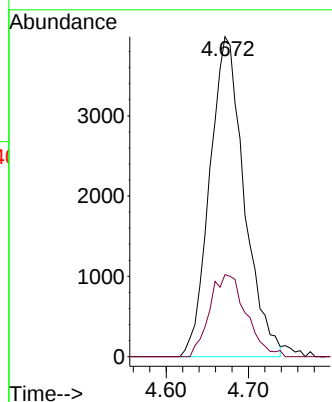
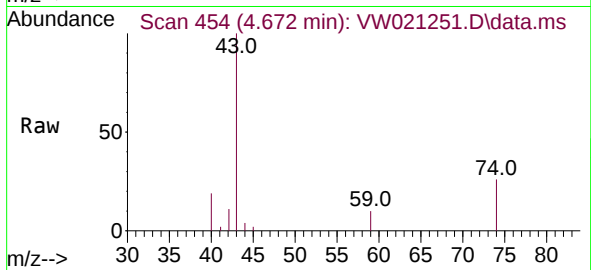




#15
Methyl Acetate
Concen: 26.476 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

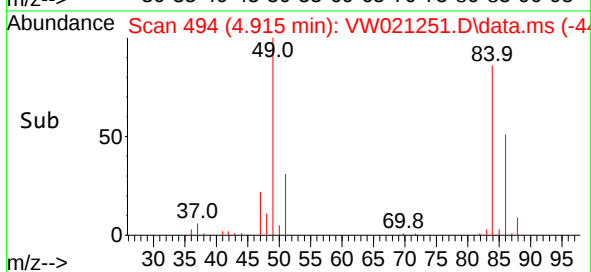
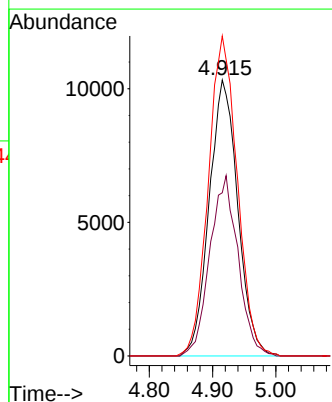
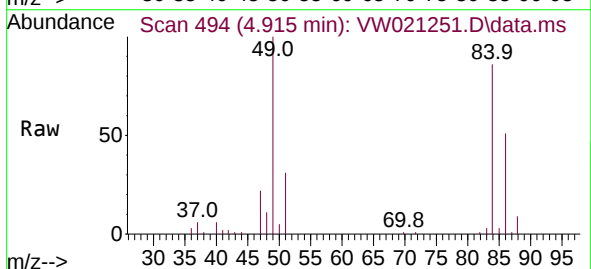
Instrument :
MSVOA_W
ClientSampleId :

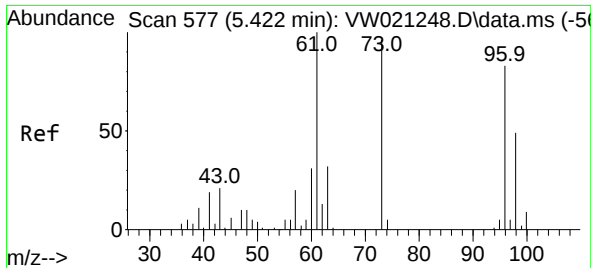
Tgt Ion: 43 Resp: 11605
Ion Ratio Lower Upper
43 100
74 26.9 16.4 24.6#



#16
Methylene chloride
Concen: 17.780 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

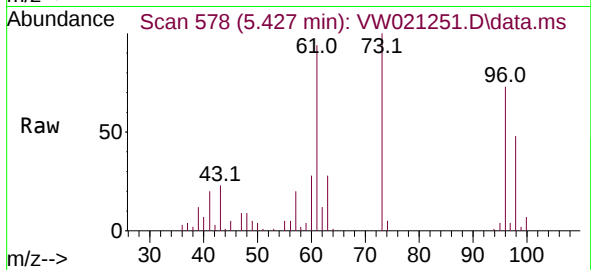
Tgt Ion: 84 Resp: 32429
Ion Ratio Lower Upper
84 100
86 59.1 45.5 84.5
49 115.9 100.5 186.7





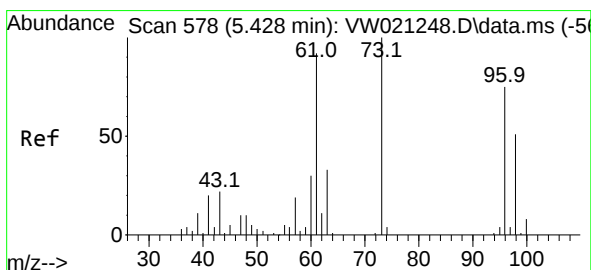
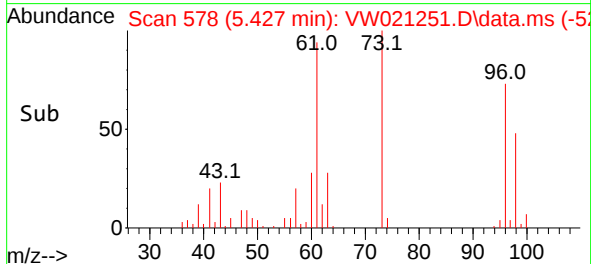
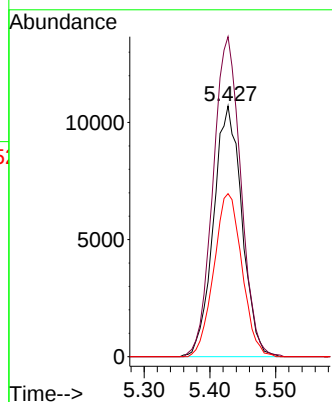
#17
trans-1,2-Dichloroethene
Concen: 21.719 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 32175

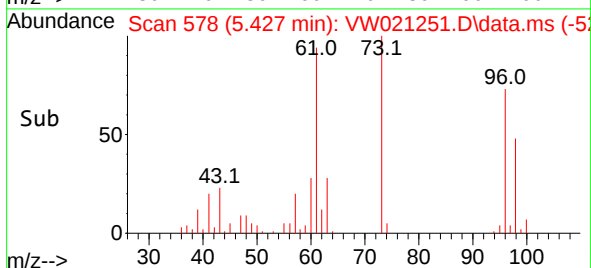
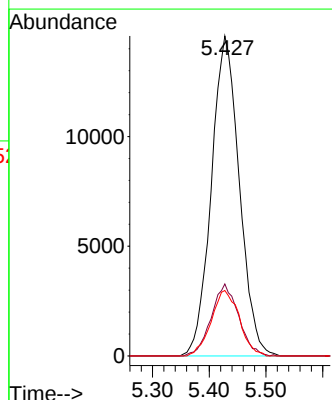
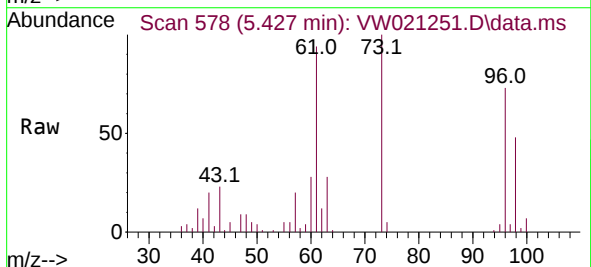
Ion	Ratio	Lower	Upper
96	100		
61	127.6	107.4	199.4
98	65.1	41.2	76.6

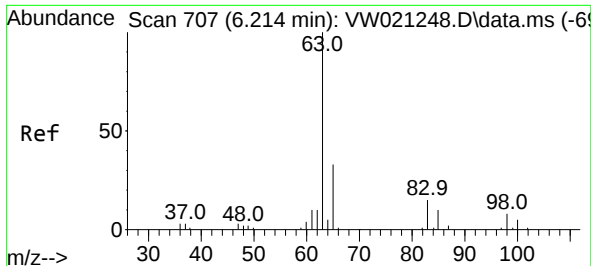


#18
Methyl tert-butyl Ether
Concen: 24.423 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion: 73 Resp: 49970

Ion	Ratio	Lower	Upper
73	100		
43	22.0	19.5	29.3
57	20.6	19.3	28.9





#19

1,1-Dichloroethane

Concen: 22.118 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

ClientSampleId :

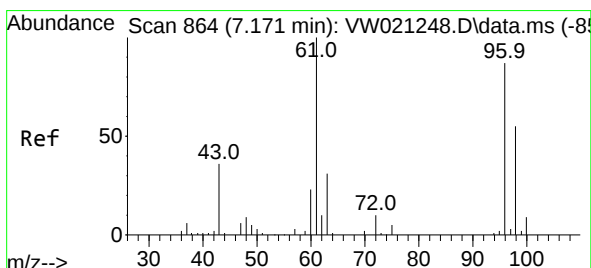
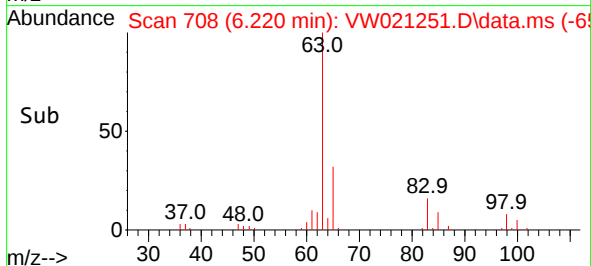
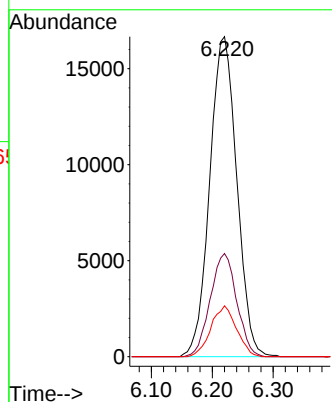
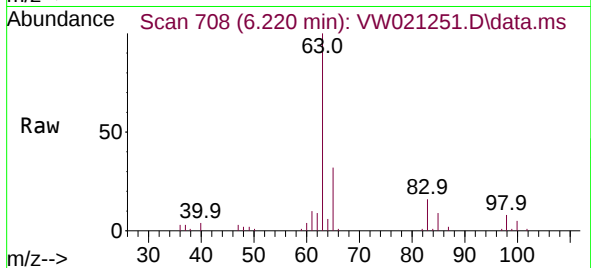
Tgt Ion: 63 Resp: 51418

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 15.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 21.927 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

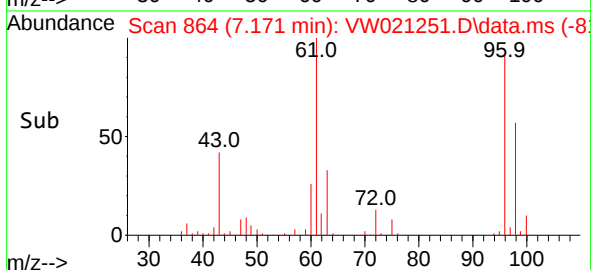
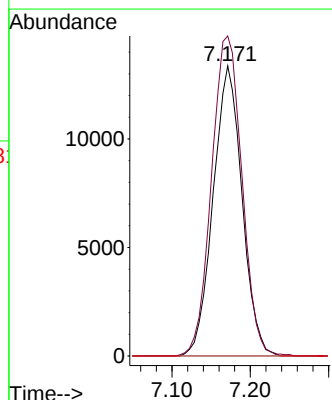
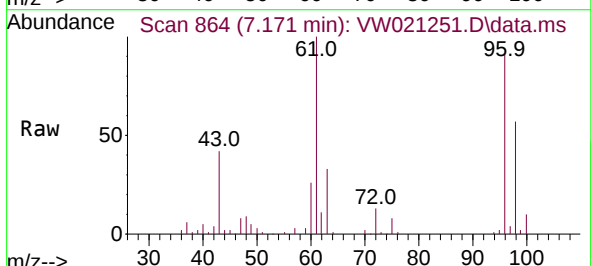
Tgt Ion: 96 Resp: 34262

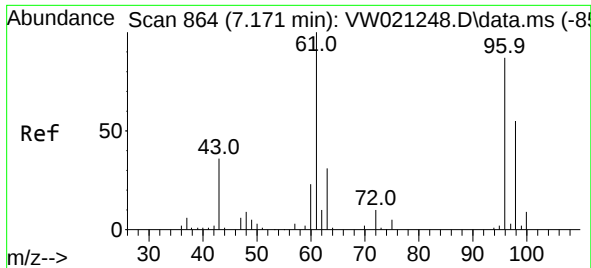
Ion Ratio Lower Upper

96 100

61 110.3 103.7 192.7

68 0.0 0.0 0.0

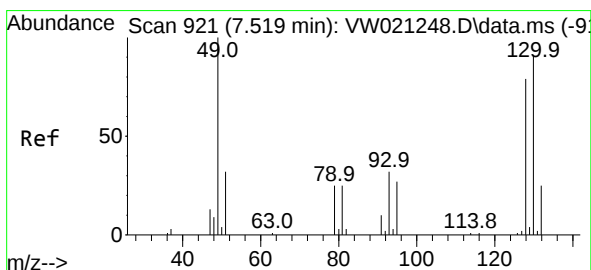
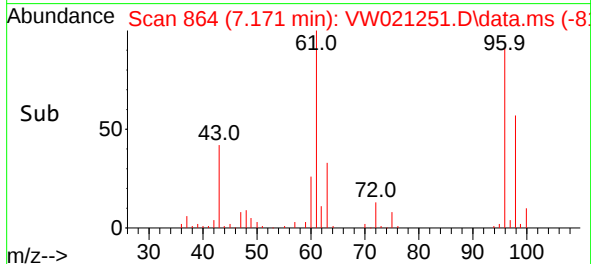
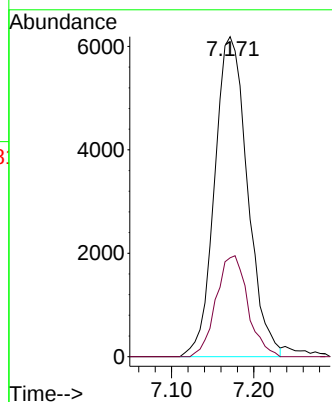
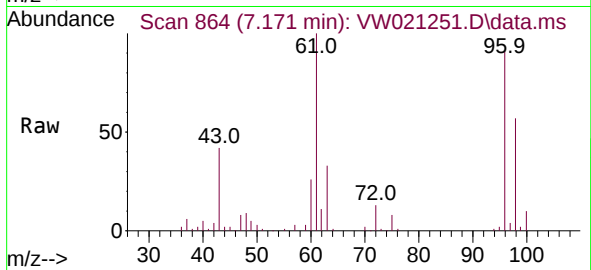




#22
2-Butanone
Concen: 51.972 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

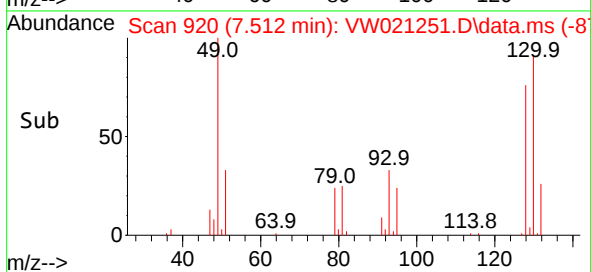
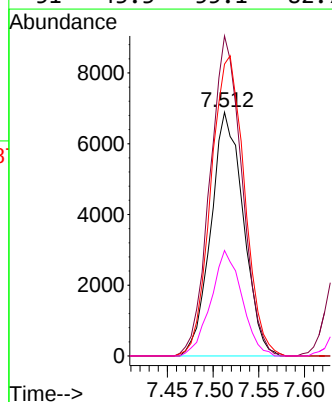
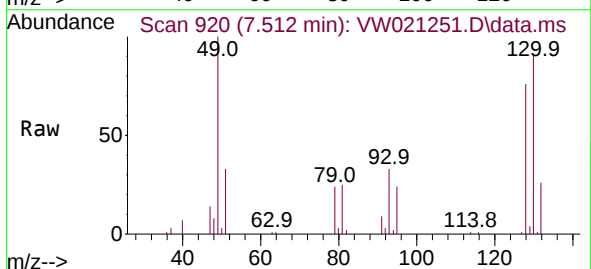
Instrument :
MSVOA_W
ClientSampleId :

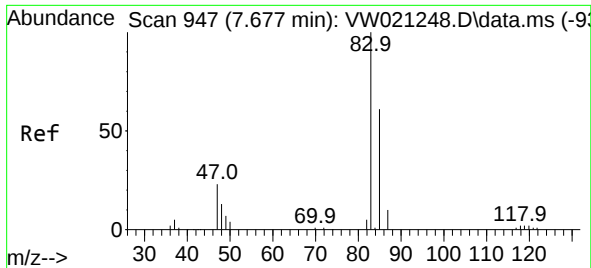
Tgt Ion: 43 Resp: 17242
Ion Ratio Lower Upper
43 100
72 30.2 11.8 35.4



#23
Bromochloromethane
Concen: 23.254 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion: 128 Resp: 16990
Ion Ratio Lower Upper
128 100
49 131.3 150.3 279.1#
130 119.7 88.3 163.9
51 43.3 55.1 82.7#

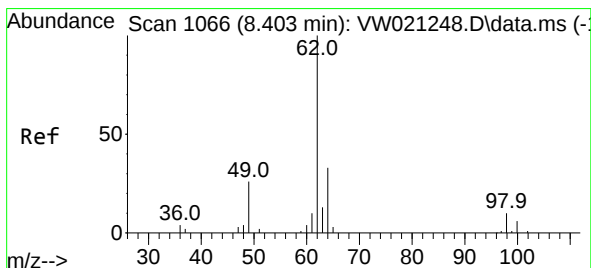
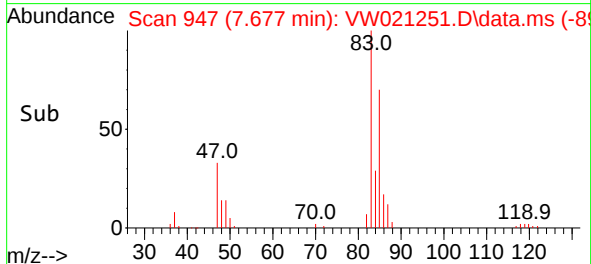
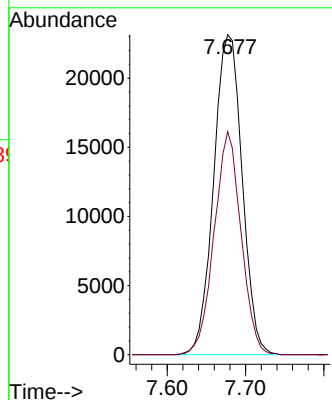
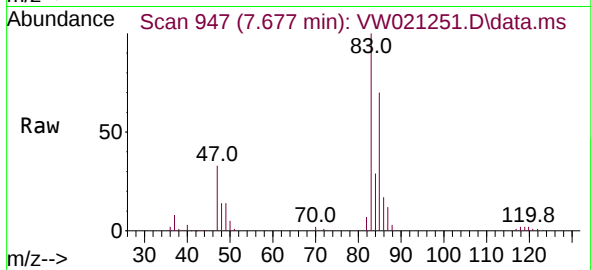




#25
Chloroform
Concen: 21.681 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

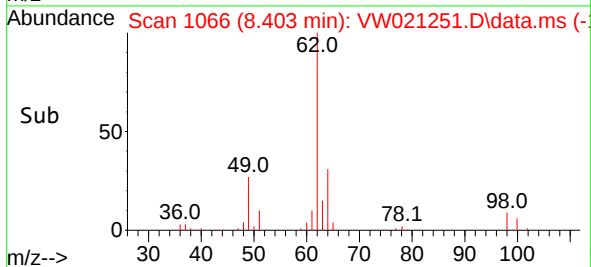
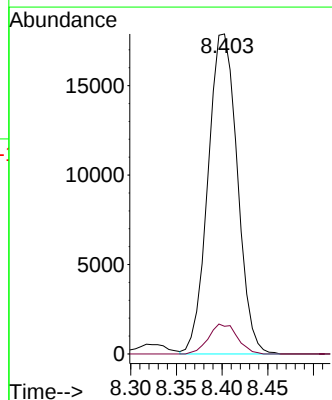
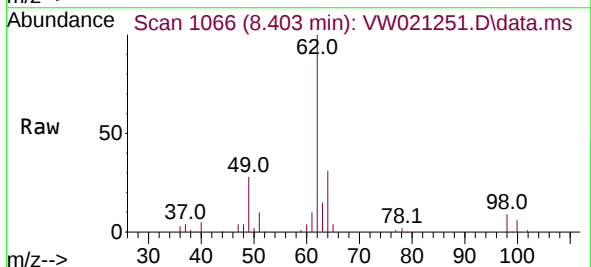
Instrument :
MSVOA_W
ClientSampleId :

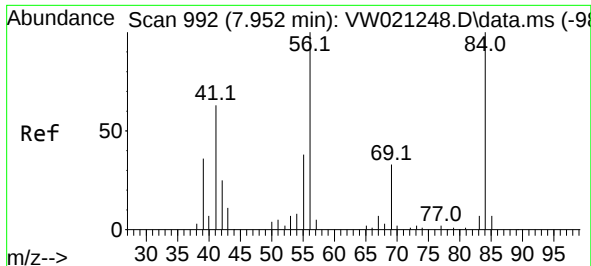
Tgt Ion: 83 Resp: 58509
Ion Ratio Lower Upper
83 100
85 69.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.373 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

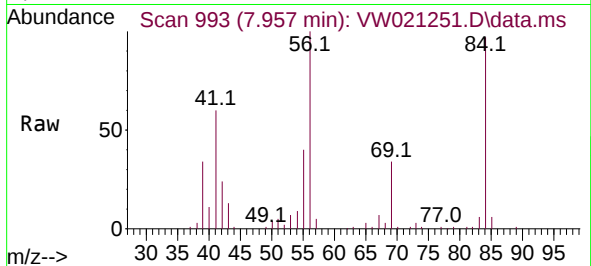
Tgt Ion: 62 Resp: 39943
Ion Ratio Lower Upper
62 100
98 8.6 6.5 9.7



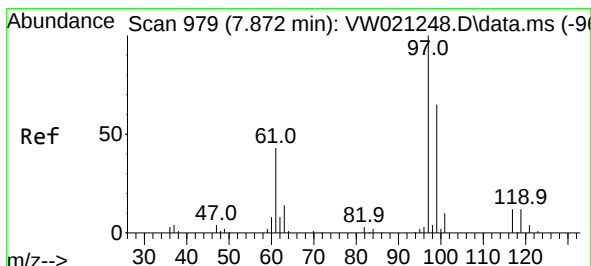
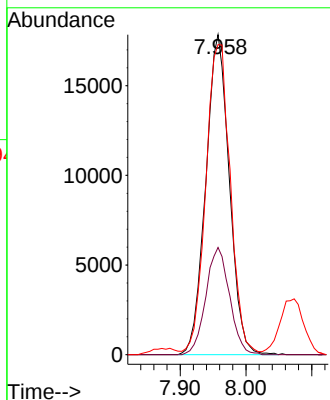
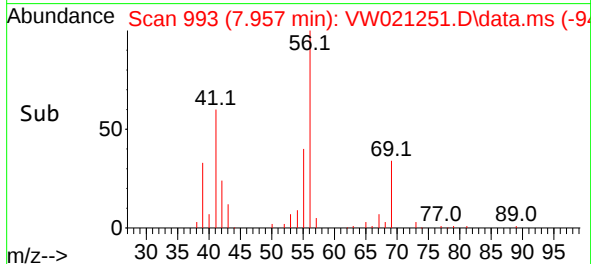


#29
Cyclohexane
Concen: 20.491 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Instrument :
MSVOA_W
ClientSampleId :

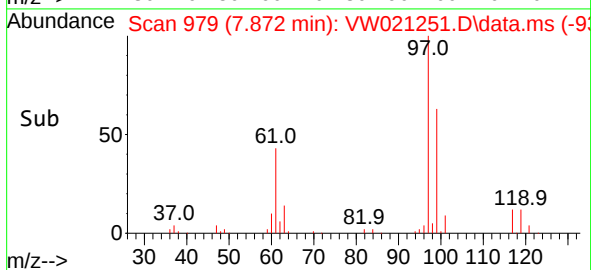
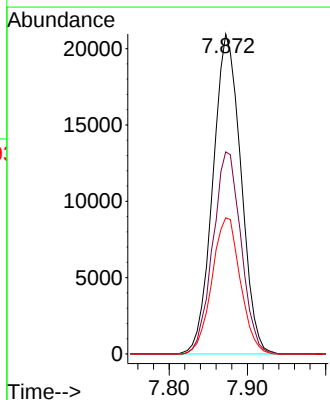
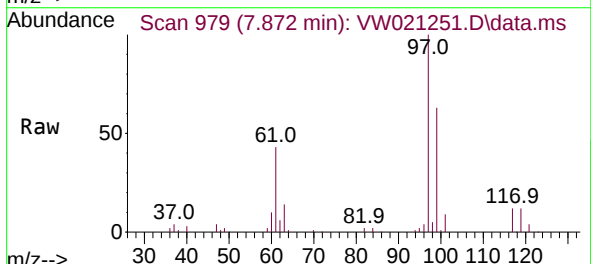


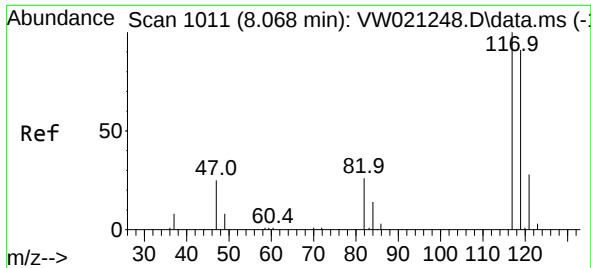
Tgt Ion: 56 Resp: 44549
Ion Ratio Lower Upper
56 100
69 33.6 23.5 35.3
84 101.0 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 21.281 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

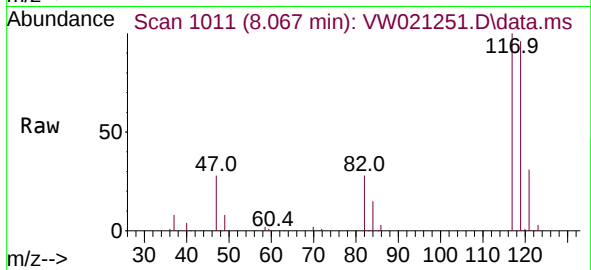
Tgt Ion: 97 Resp: 52155
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 43.0 40.9 61.3



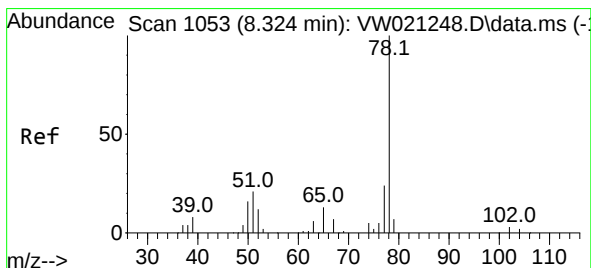
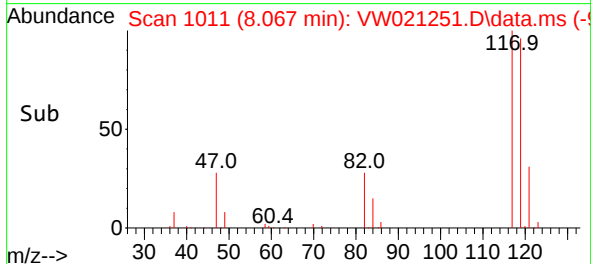
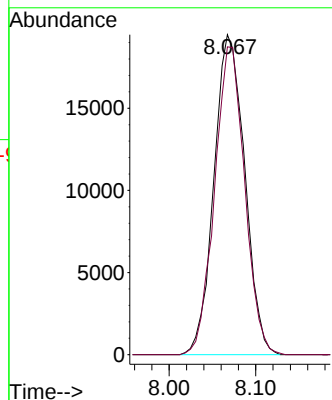


#31
Carbon tetrachloride
Concen: 21.250 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Instrument :
MSVOA_W
ClientSampleId :

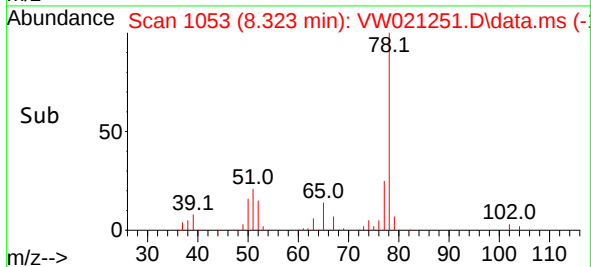
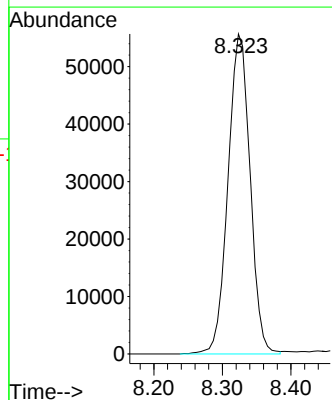
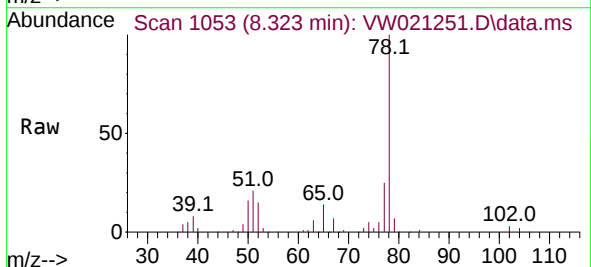


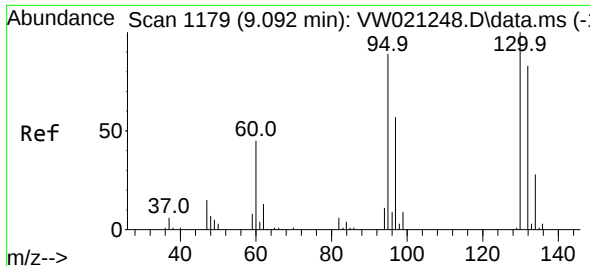
Tgt Ion:117 Resp: 48042
Ion Ratio Lower Upper
117 100
119 94.2 75.7 113.5



#33
Benzene
Concen: 20.960 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion: 78 Resp: 124717

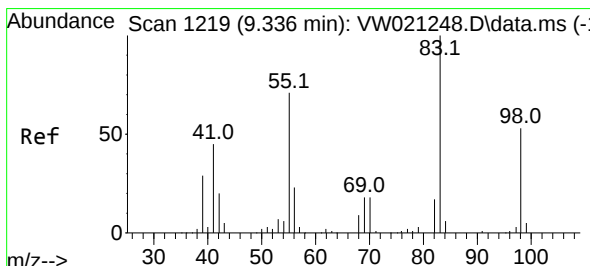
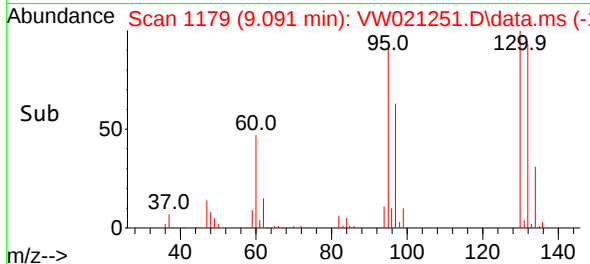
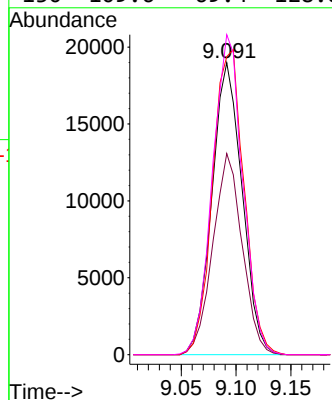
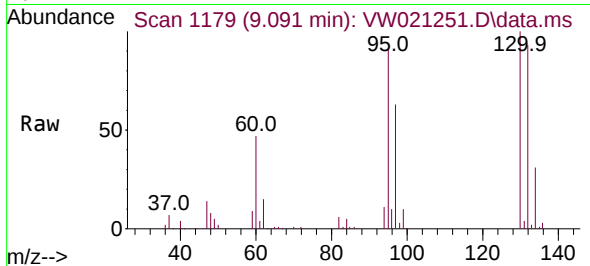




#34
Trichloroethene
Concen: 21.734 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

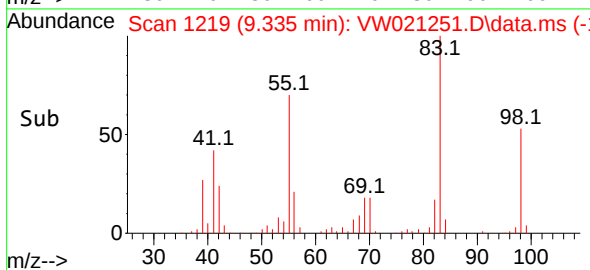
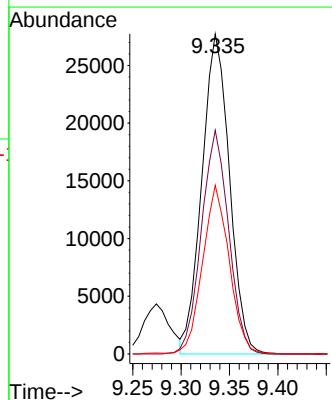
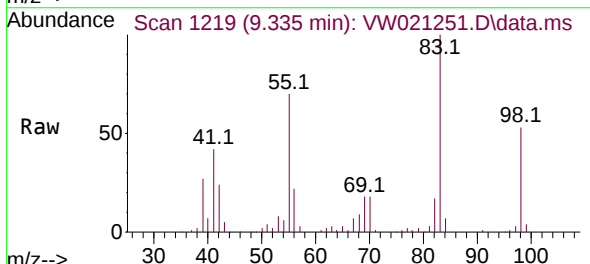
Instrument :
MSVOA_W
ClientSampleId :

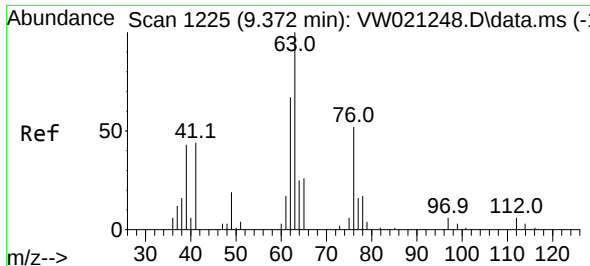
Tgt Ion: 95 Resp: 36302
Ion Ratio Lower Upper
95 100
97 68.9 47.0 87.2
132 102.1 65.5 121.6
130 109.6 69.4 128.8



#35
Methylcyclohexane
Concen: 19.995 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion: 83 Resp: 55091
Ion Ratio Lower Upper
83 100
55 68.9 70.8 106.2#
98 50.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 21.925 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

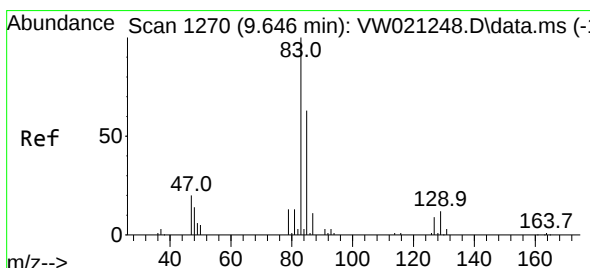
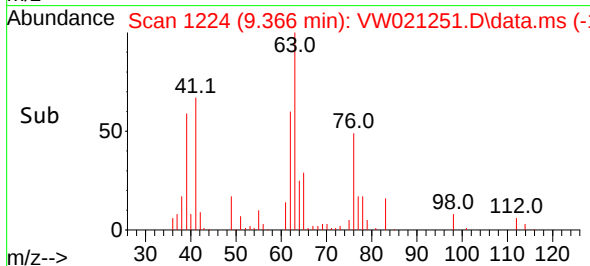
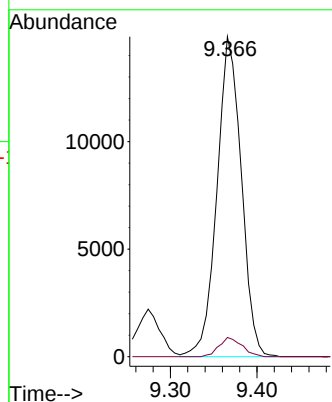
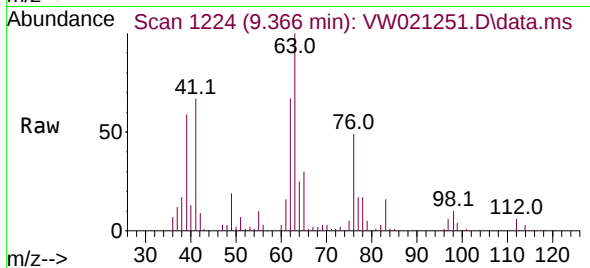
ClientSampleId :

Tgt Ion: 63 Resp: 29099

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.743 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

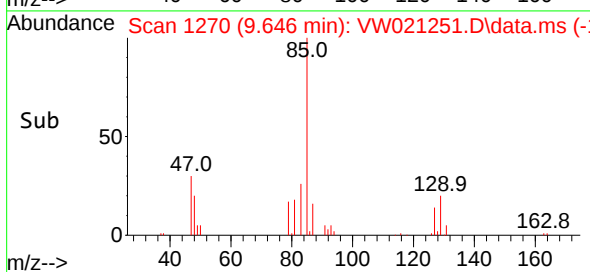
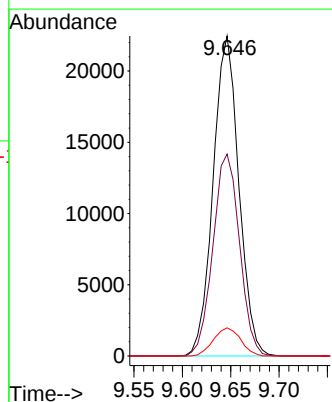
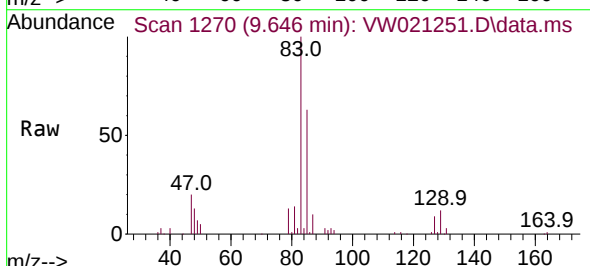
Tgt Ion: 83 Resp: 41502

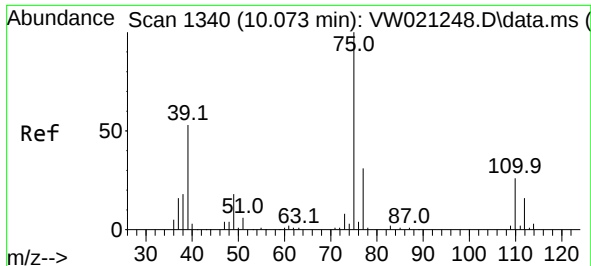
Ion Ratio Lower Upper

83 100

85 63.1 44.1 81.9

127 8.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 22.255 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

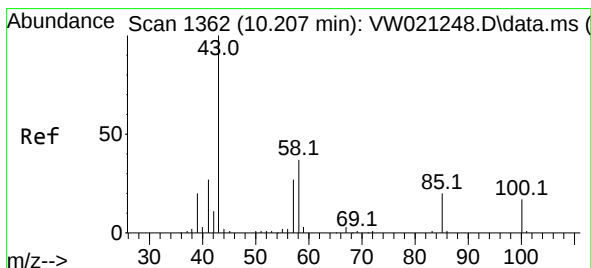
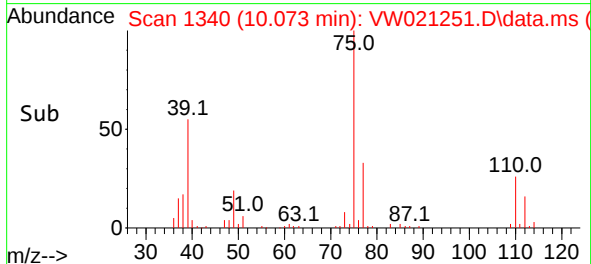
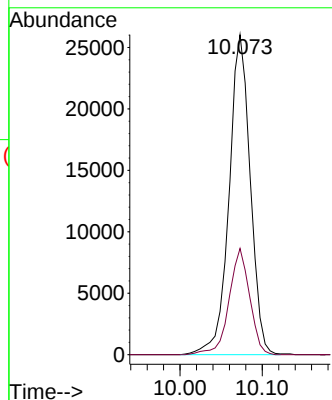
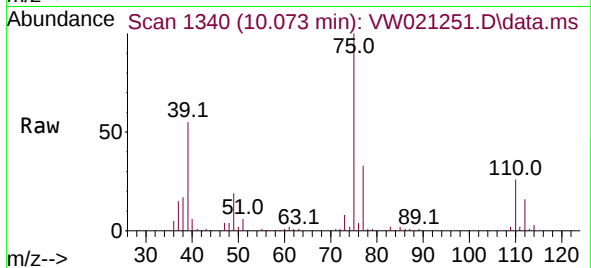
ClientSampleId :

Tgt Ion: 75 Resp: 46562

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.797 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

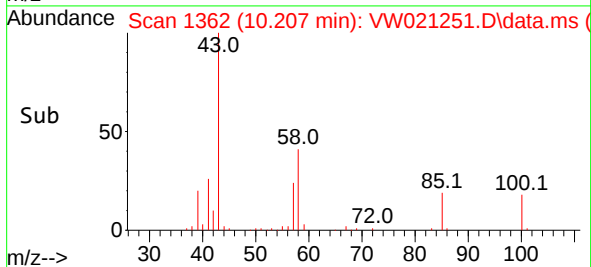
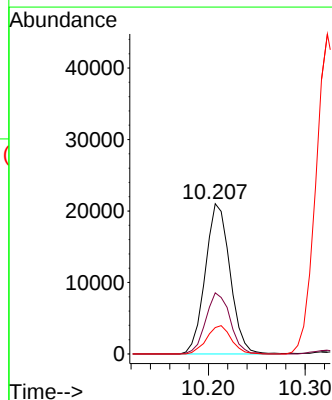
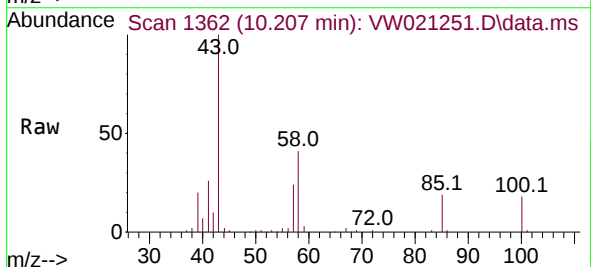
Tgt Ion: 43 Resp: 37458

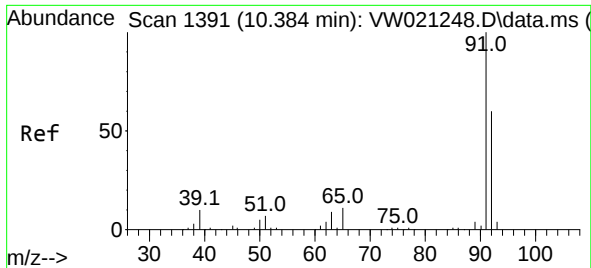
Ion Ratio Lower Upper

43 100

58 40.1 28.8 43.2

100 18.6 10.0 15.0#

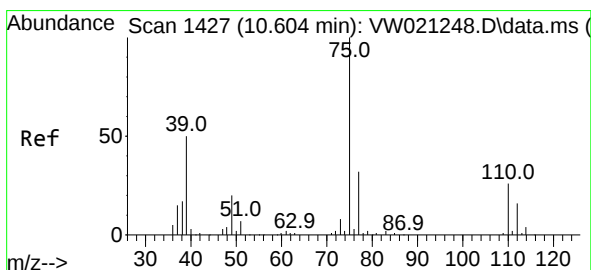
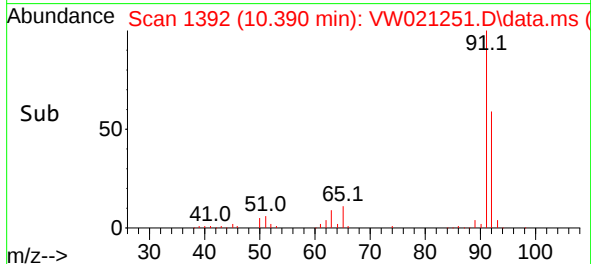
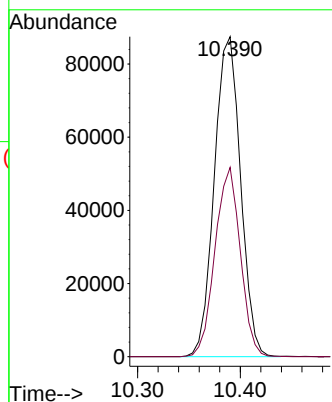
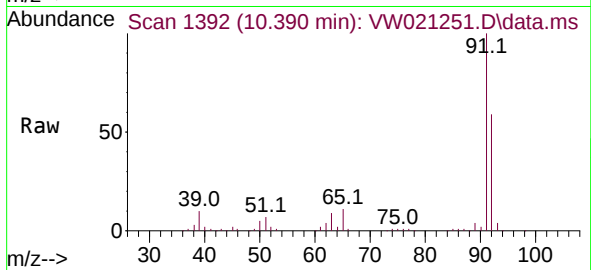




#42
Toluene
Concen: 22.297 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

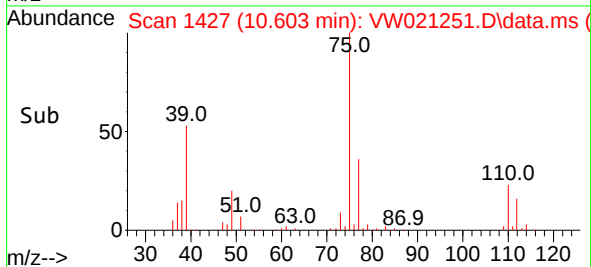
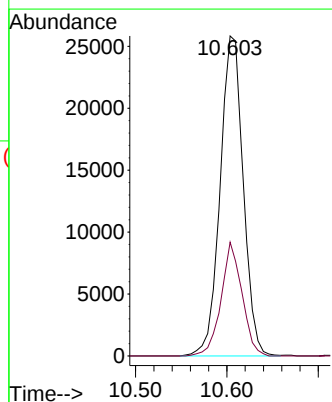
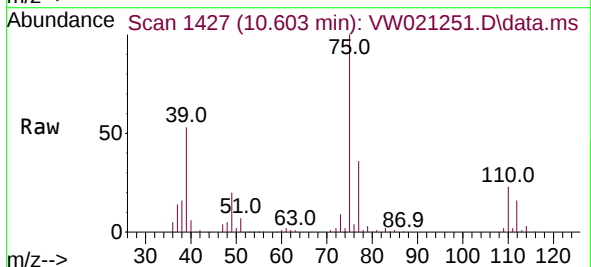
Instrument :
MSVOA_W
ClientSampleId :

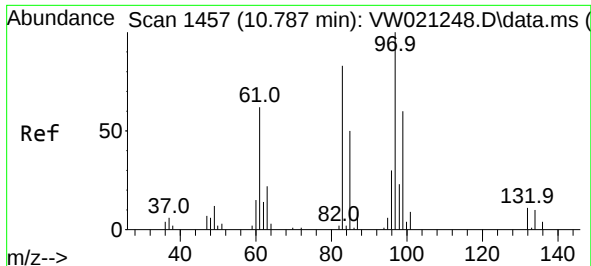
Tgt Ion: 91 Resp: 155162
Ion Ratio Lower Upper
91 100
92 59.1 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.813 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

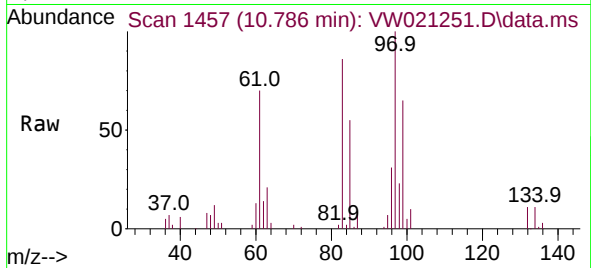
Tgt Ion: 75 Resp: 45469
Ion Ratio Lower Upper
75 100
77 35.5 22.2 41.2



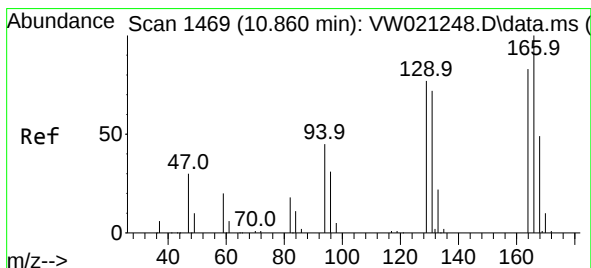
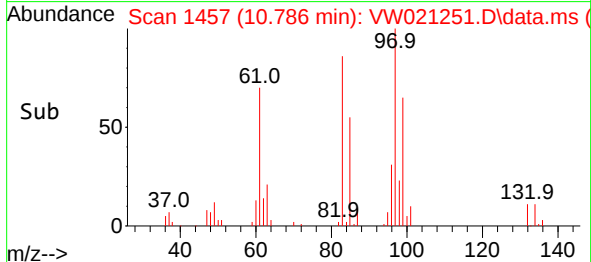
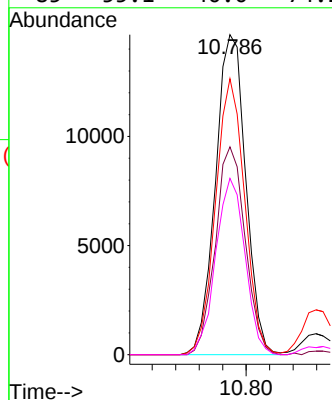


#45
1,1,2-Trichloroethane
Concen: 24.169 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Instrument :
MSVOA_W
ClientSampleId :

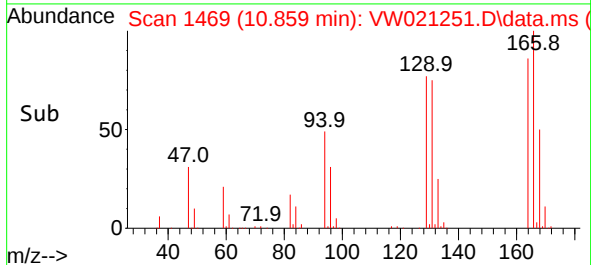
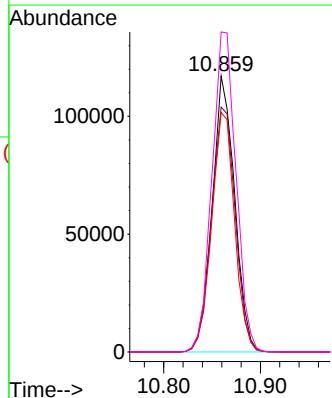
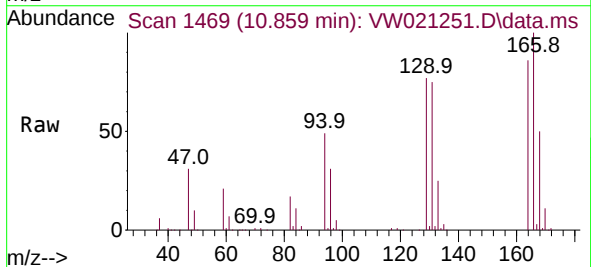


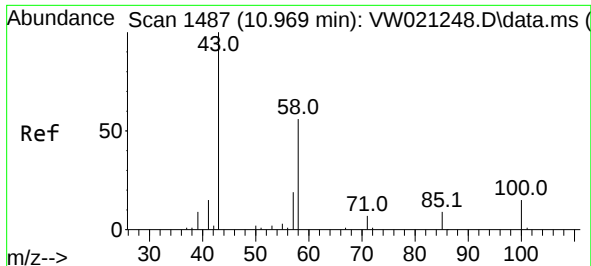
Tgt Ion: 97 Resp: 26255
Ion Ratio Lower Upper
97 100
99 65.0 43.0 79.8
83 86.3 62.6 116.3
85 55.1 40.0 74.2



#46
Tetrachloroethene
Concen: 119.250 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

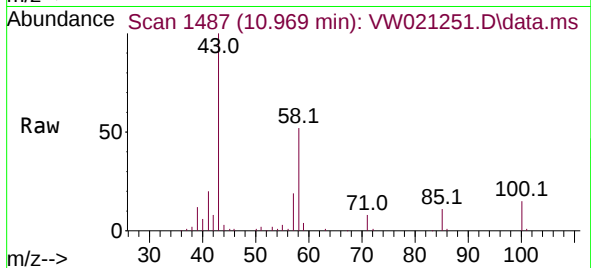
Tgt Ion:164 Resp: 189217
Ion Ratio Lower Upper
164 100
129 88.8 65.5 121.7
131 86.7 59.7 110.9
166 116.0 88.7 164.7



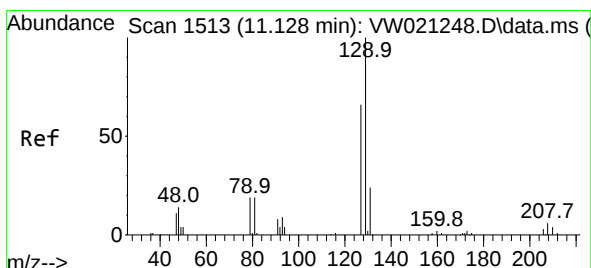
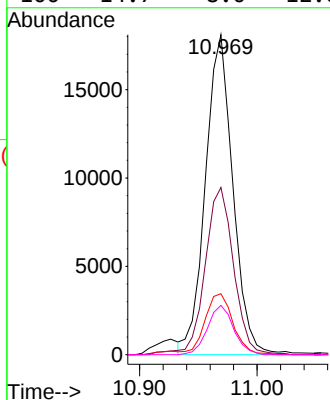
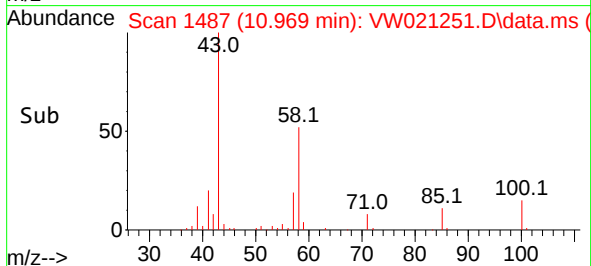


#48
2-Hexanone
Concen: 56.066 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Instrument :
MSVOA_W
ClientSampleId :

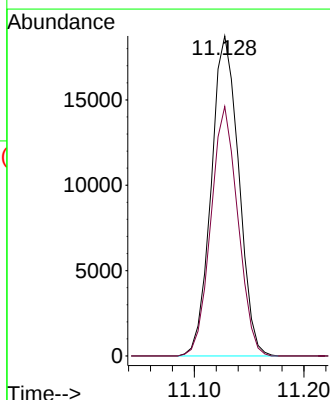
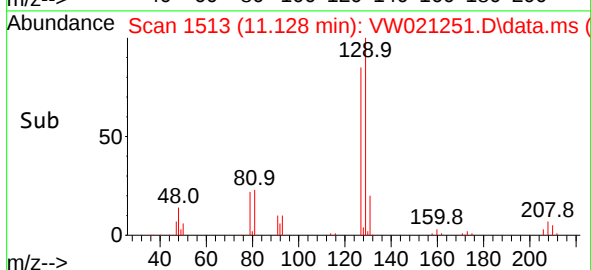
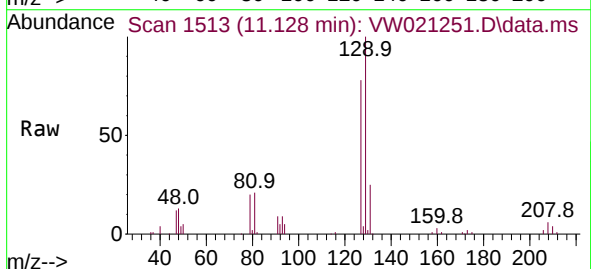


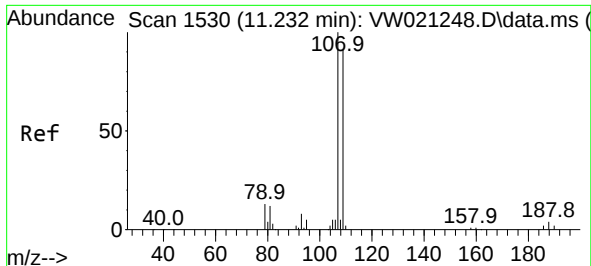
Tgt Ion: 43 Resp: 29403
Ion Ratio Lower Upper
43 100
58 53.4 40.2 60.2
57 19.6 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.429 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion: 129 Resp: 32715
Ion Ratio Lower Upper
129 100
127 77.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.961 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021251.D

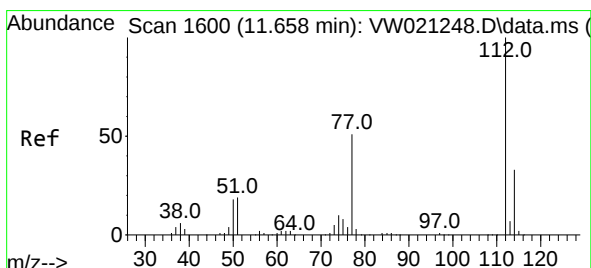
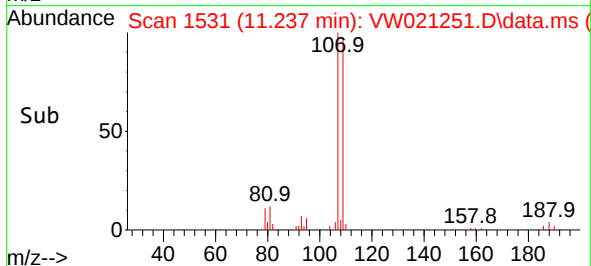
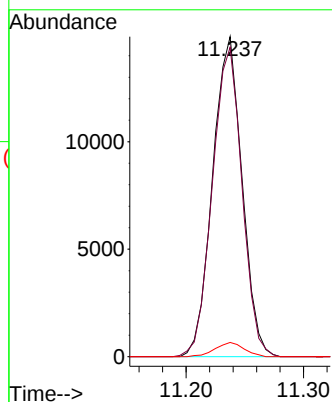
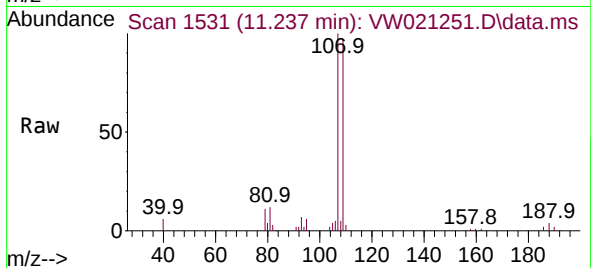
Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	25904
Ion	Ratio	Lower	Upper
107	100		
109	96.7	64.1	119.1
188	4.5	2.6	3.8#



#51

Chlorobenzene

Concen: 21.493 ug/L

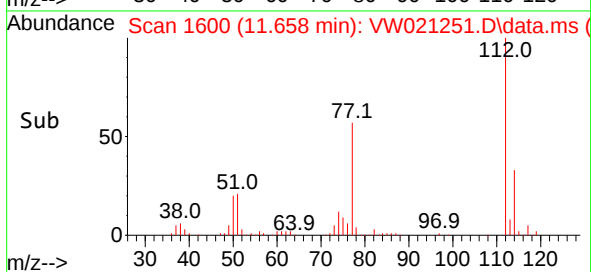
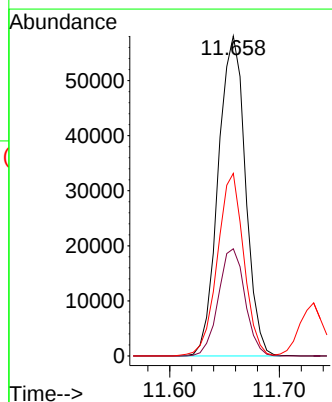
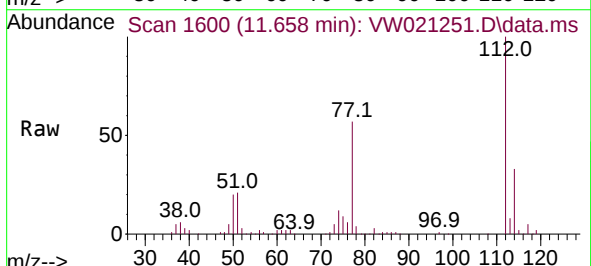
RT: 11.658 min Scan# 1600

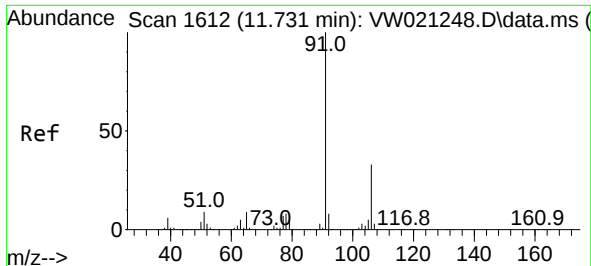
Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Tgt Ion:	112	Resp:	100138
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.4	41.6
77	57.1	50.2	75.4





#52

Ethylbenzene

Concen: 21.389 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

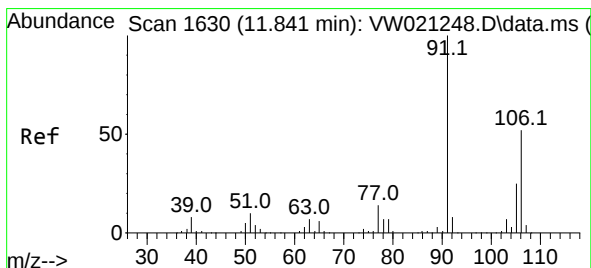
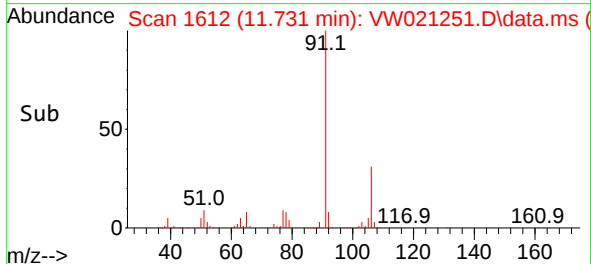
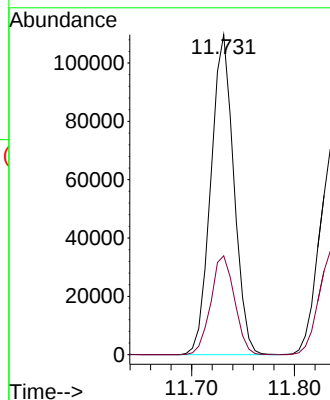
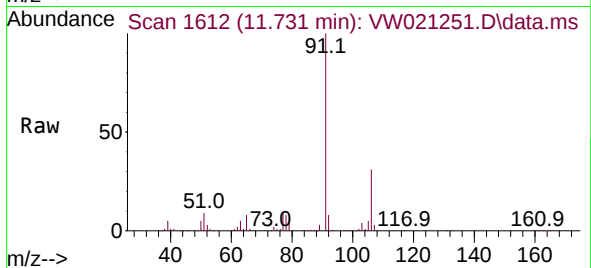
ClientSampleId :

Tgt Ion: 91 Resp: 170095

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9



#53

m,p-Xylene

Concen: 21.715 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VW021251.D

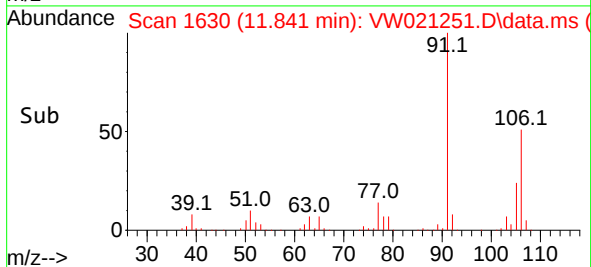
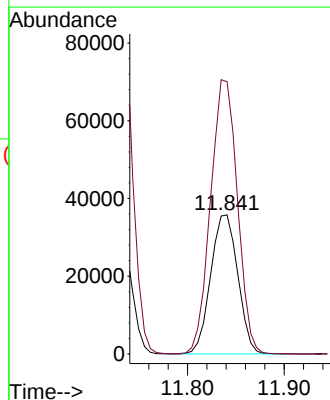
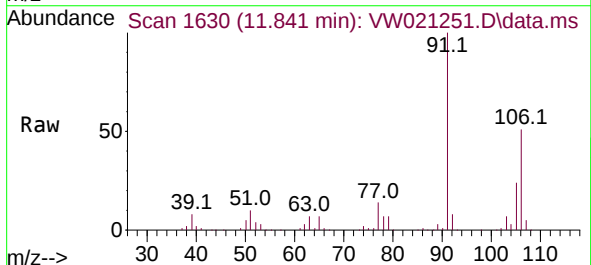
Acq: 09 Dec 2021 19:23

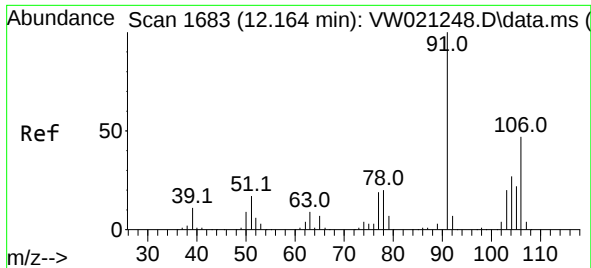
Tgt Ion:106 Resp: 69662

Ion Ratio Lower Upper

106 100

91 196.0 149.9 278.3

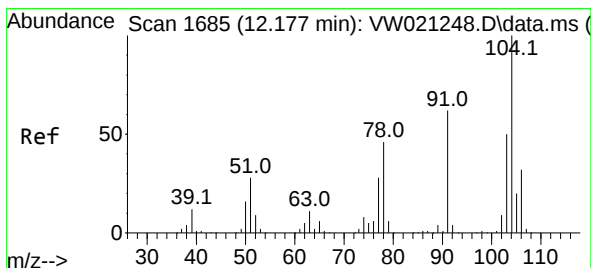
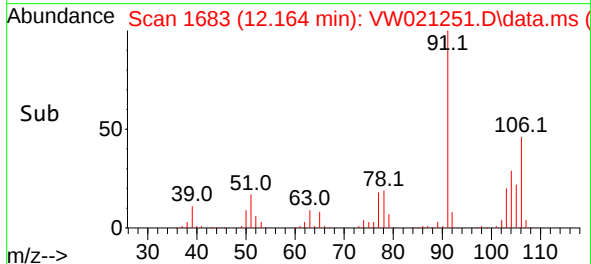
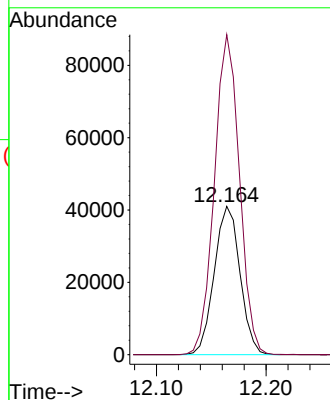
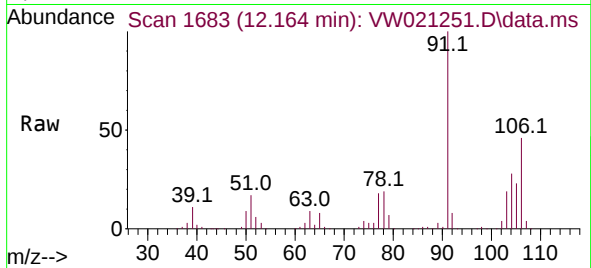




#54
o-Xylene
Concen: 21.977 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

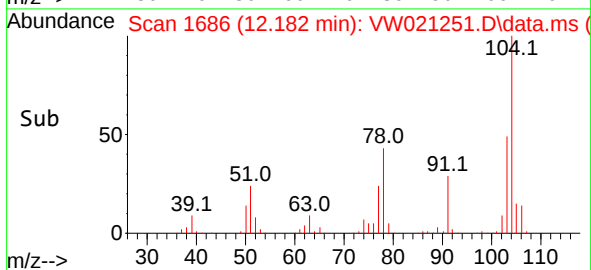
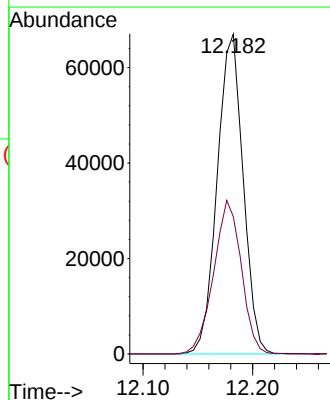
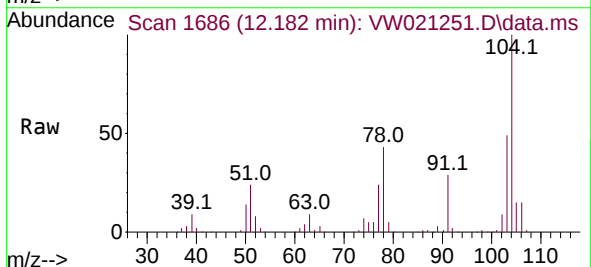
Instrument :
MSVOA_W
ClientSampleId :

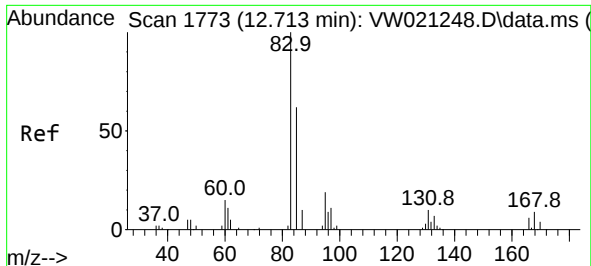
Tgt Ion:106 Resp: 66911
Ion Ratio Lower Upper
106 100
91 215.8 153.6 285.3



#55
Styrene
Concen: 21.266 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion:104 Resp: 110195
Ion Ratio Lower Upper
104 100
78 42.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.710 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021251.D

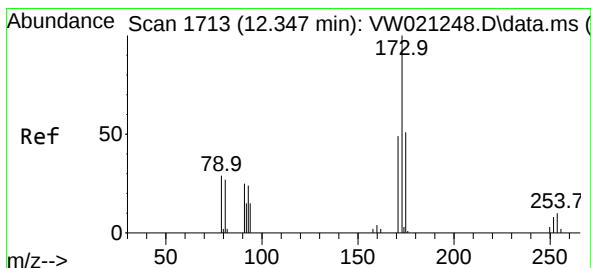
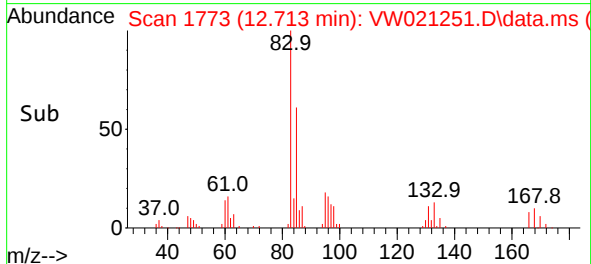
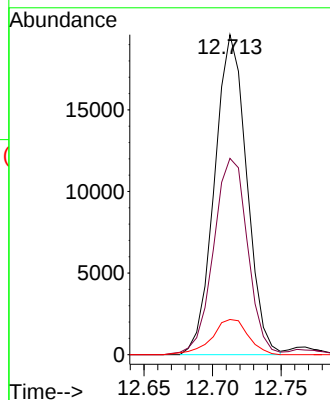
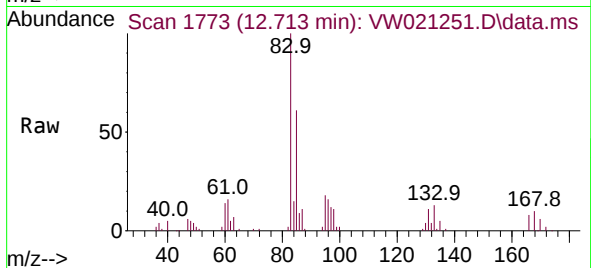
Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	32016
Ion Ratio	Lower	Upper	
83	100		
85	61.3	44.0	81.6
131	11.0	6.9	10.3#



#59

Bromoform

Concen: 25.197 ug/L

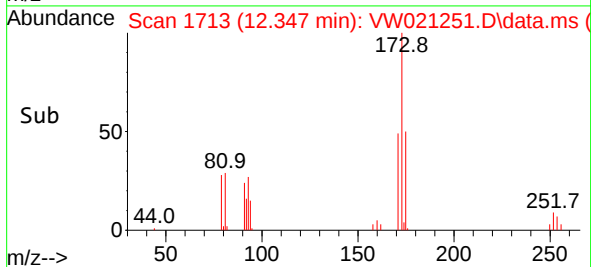
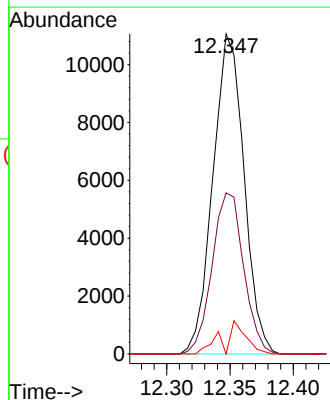
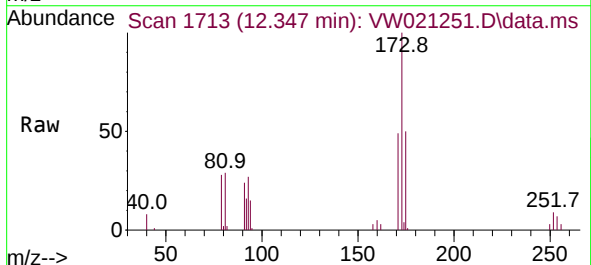
RT: 12.347 min Scan# 1713

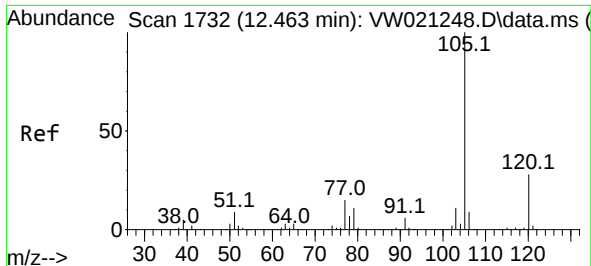
Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Tgt Ion:	173	Resp:	18880
Ion Ratio	Lower	Upper	
173	100		
175	51.1	39.6	59.4
254	5.1	7.4	11.0#

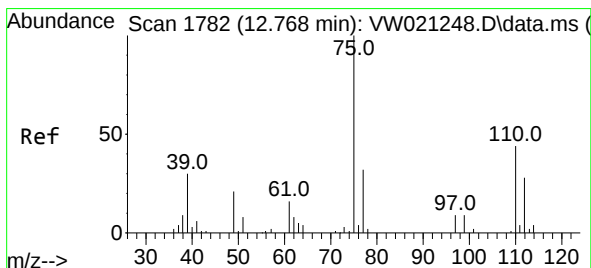
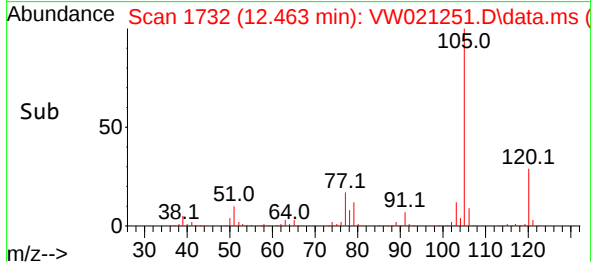
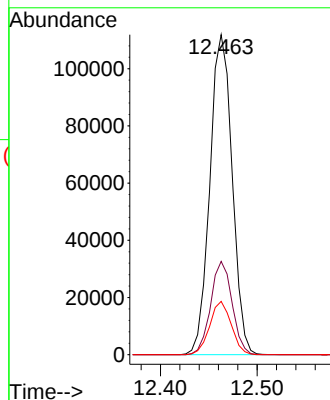
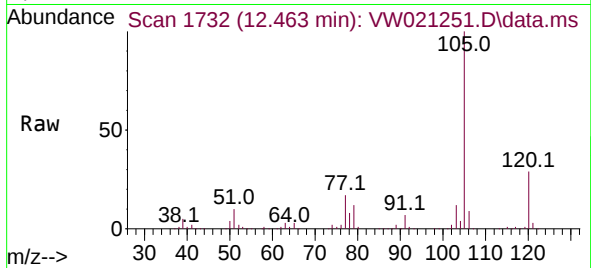




#60
Isopropylbenzene
Concen: 20.978 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

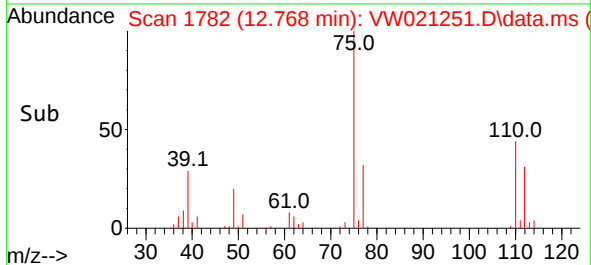
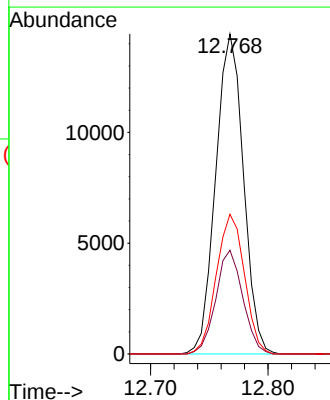
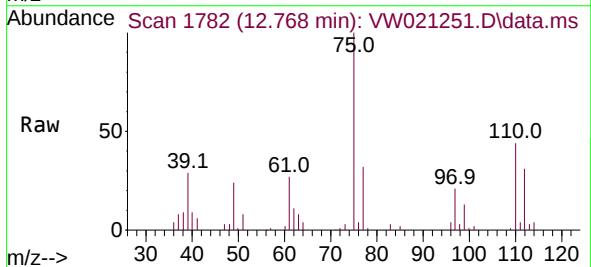
Instrument :
MSVOA_W
ClientSampleId :

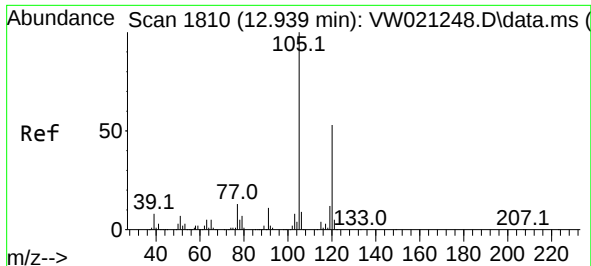
Tgt Ion:105 Resp: 179511
Ion Ratio Lower Upper
105 100
120 28.0 20.1 30.1
77 16.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.858 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion: 75 Resp: 23699
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
110 44.2 29.0 43.4#

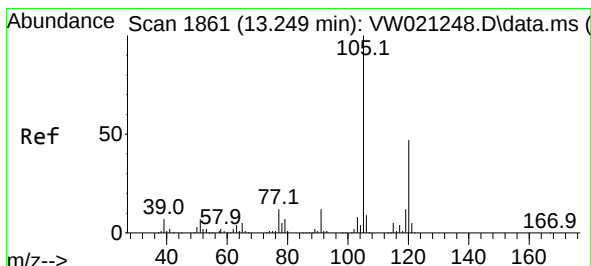
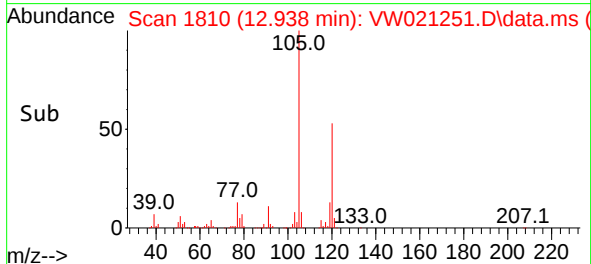
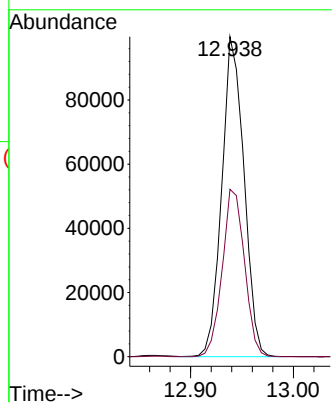
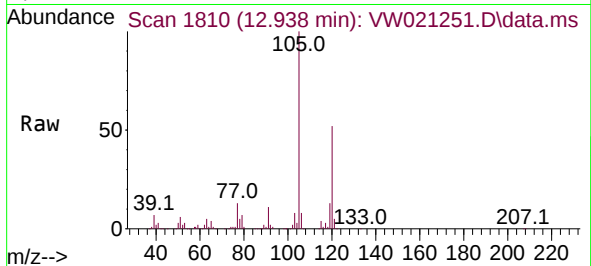




#62
1,3,5-Trimethylbenzene
Concen: 20.511 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

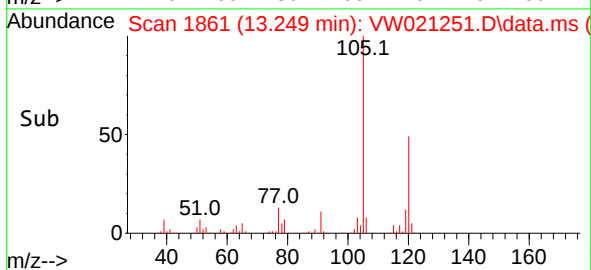
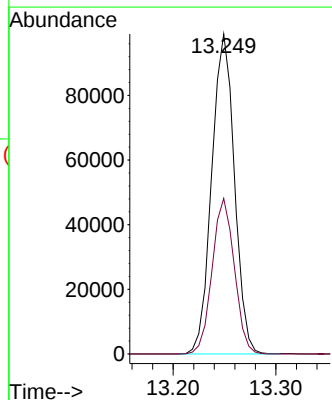
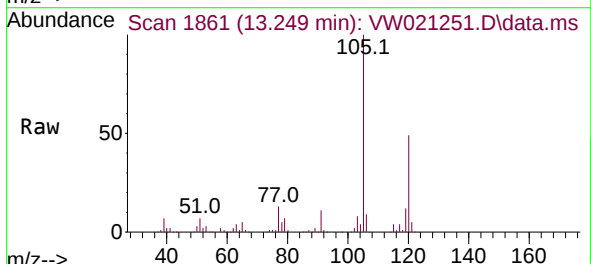
Instrument :
MSVOA_W
ClientSampleId :

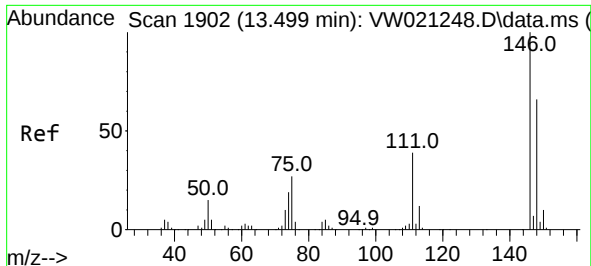
Tgt Ion:105 Resp: 149353
Ion Ratio Lower Upper
105 100
120 52.5 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 21.173 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion:105 Resp: 152084
Ion Ratio Lower Upper
105 100
120 47.4 35.0 52.6

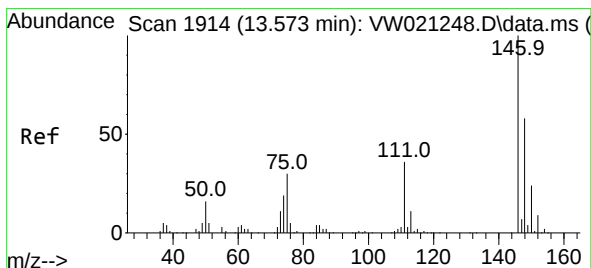
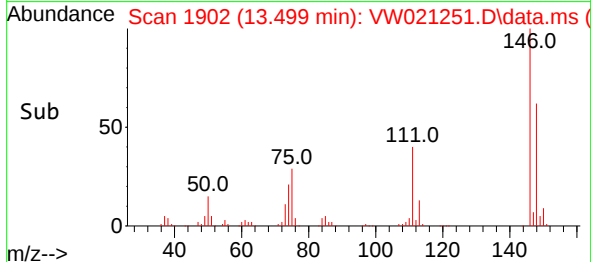
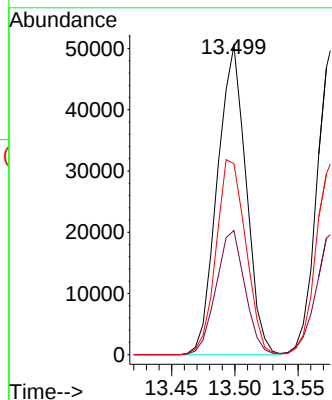
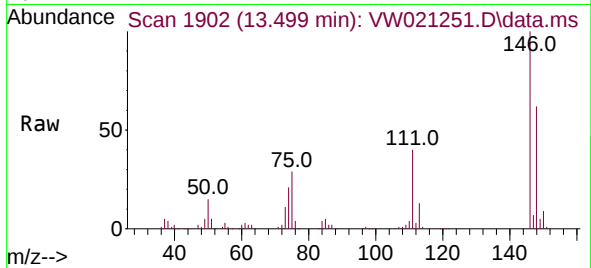




#64
1,3-Dichlorobenzene
Concen: 19.799 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

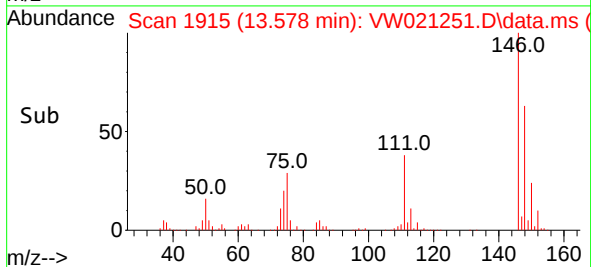
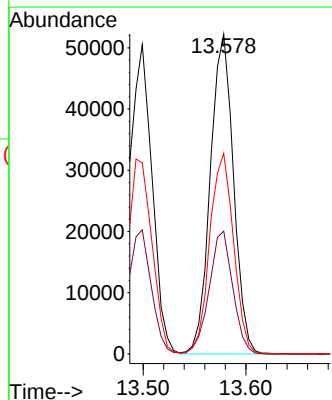
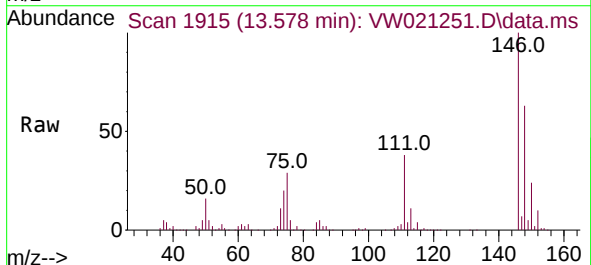
Instrument :
MSVOA_W
ClientSampleId :

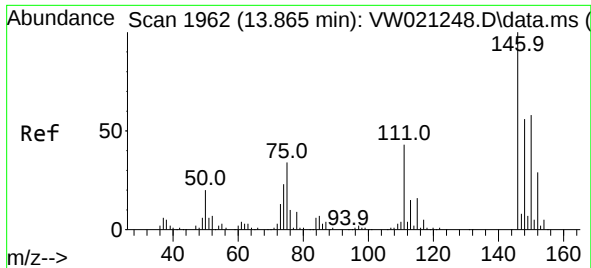
Tgt Ion:146 Resp: 79912
Ion Ratio Lower Upper
146 100
111 40.2 29.8 55.3
148 61.8 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 20.415 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021251.D
Acq: 09 Dec 2021 19:23

Tgt Ion:146 Resp: 81867
Ion Ratio Lower Upper
146 100
111 38.4 29.0 53.9
148 62.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.343 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

ClientSampleId :

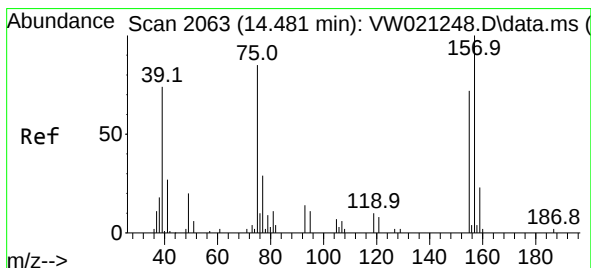
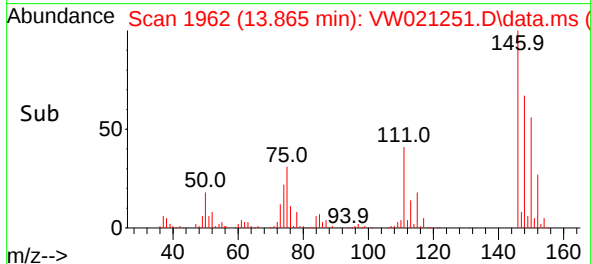
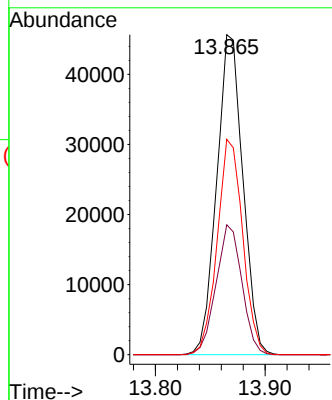
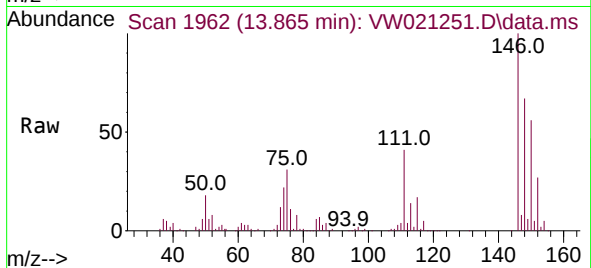
Tgt Ion:146 Resp: 75838

Ion Ratio Lower Upper

146 100

111 40.6 33.1 49.7

148 67.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 26.163 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

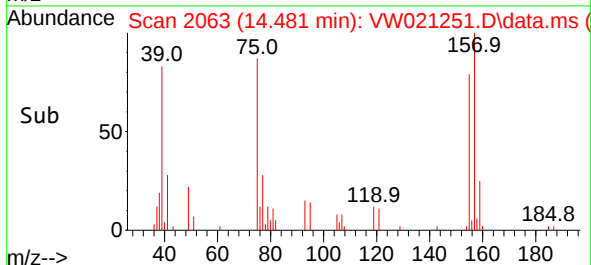
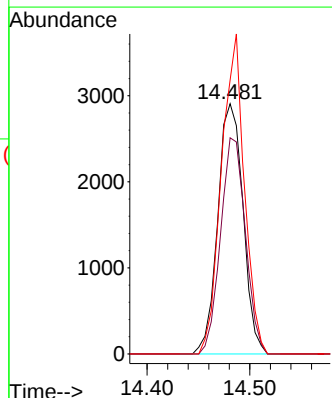
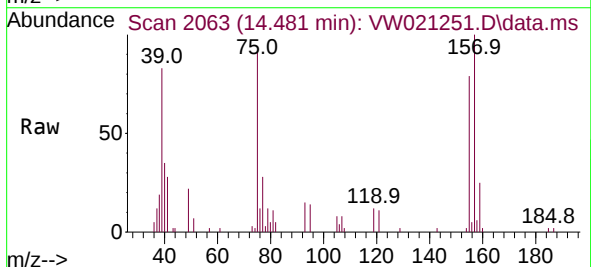
Tgt Ion: 75 Resp: 4946

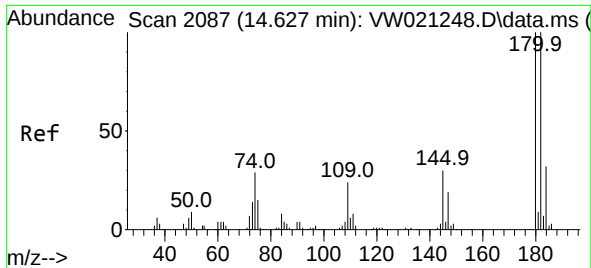
Ion Ratio Lower Upper

75 100

155 86.4 54.2 81.2#

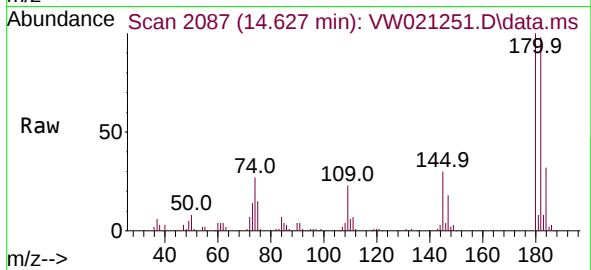
157 109.5 69.4 104.2#



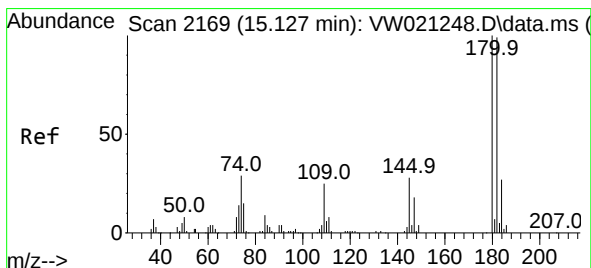
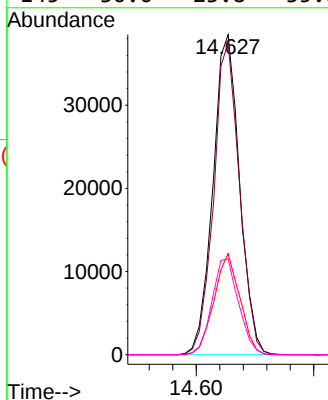
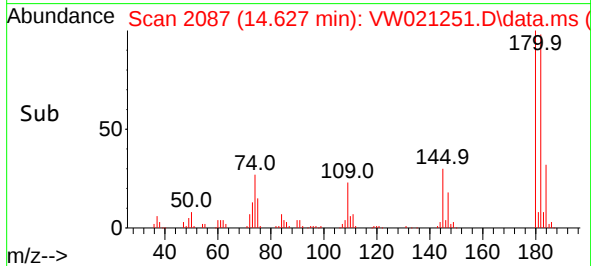


#69
 1,3,5-Trichlorobenzene
 Concen: 20.037 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23

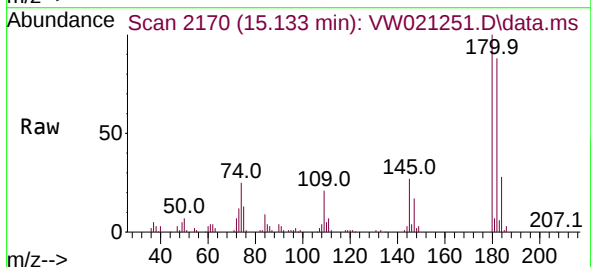
Instrument :
 MSVOA_W
 ClientSampleId :



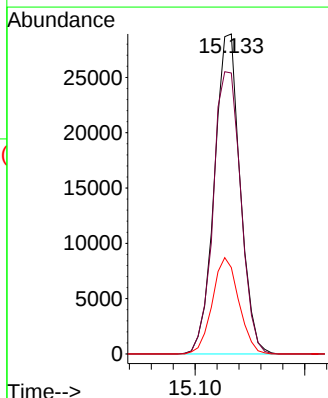
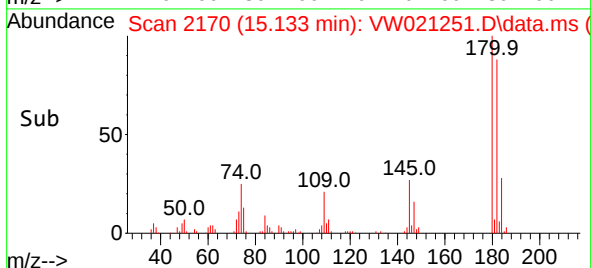
Tgt Ion:180	Resp:	60445
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.4 113.0
184	30.8	23.8 35.8
145	30.0	23.8 35.8

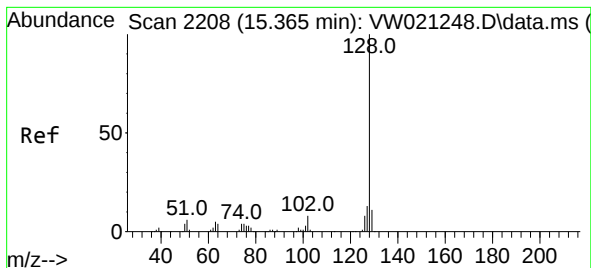


#70
 1,2,4-trichlorobenzene
 Concen: 19.489 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021251.D
 Acq: 09 Dec 2021 19:23



Tgt Ion:180	Resp:	47287
Ion Ratio	Lower	Upper
180	100	
182	94.2	79.0 118.6
145	30.9	26.0 39.0





#71

Naphthalene

Concen: 22.867 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW021251.D

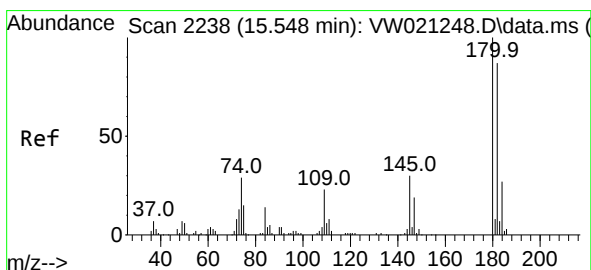
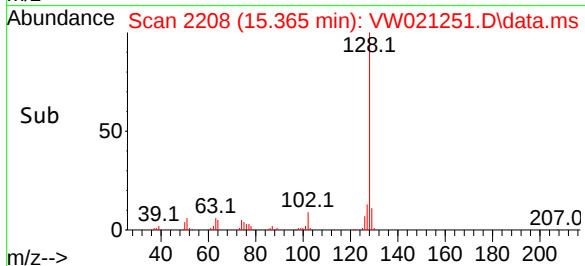
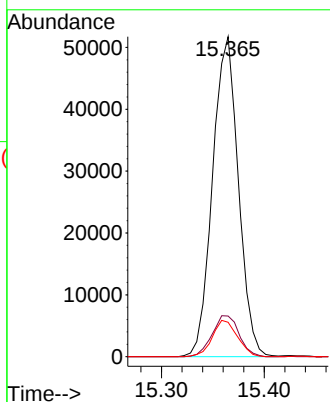
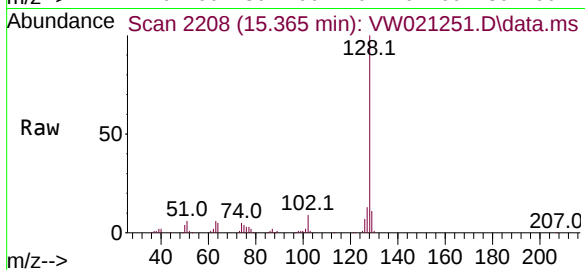
Acq: 09 Dec 2021 19:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	90142
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.7 16.1
129	11.1	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 20.009 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW021251.D

Acq: 09 Dec 2021 19:23

Tgt Ion:180	Resp:	40124
Ion Ratio	Lower	Upper
180	100	
182	98.7	76.6 114.8
145	33.1	27.4 41.0

