

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021488.D
 Acq On : 18 Dec 2021 20:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	112556	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	104361	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	60395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36279	17.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.800%
7) Chloroethane-d5	2.885	69	24961	18.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.680%
11) 1,1-Dichloroethene-d2	4.019	63	62919	23.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.080%
21) 2-Butanone-d5	7.074	46	24204	83.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.520%#
24) Chloroform-d	7.653	84	75463	24.058	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	8.305	65	43137	25.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	8.275	84	135425	23.674	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.274	67	38945	25.386	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.560%
41) Toluene-d8	10.323	98	136006	23.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.579	79	18549	26.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.040%
47) 2-Hexanone-d5	10.921	63	20625	90.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.840%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43412	32.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	55680	23.788	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9901	22.767	ug/L	96
3) Chloromethane	2.221	50	29555	20.528	ug/L	99
5) Vinyl chloride	2.361	62	48922	21.645	ug/L	97
6) Bromomethane	2.782	94	27951	19.065	ug/L	96
8) Chloroethane	2.922	64	22032	21.159	ug/L	95
9) Trichlorofluoromethane	3.257	101	31187	26.151	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42139	27.113	ug/L	91
12) 1,1-Dichloroethene	4.044	96	36333	26.042	ug/L	79
13) Acetone	4.123	43	18392	70.999	ug/L	95
14) Carbon disulfide	4.385	76	86599	24.035	ug/L	98
15) Methyl Acetate	4.666	43	17774	39.766	ug/L	# 88
16) Methylene chloride	4.916	84	39589	21.287	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	37908	25.094	ug/L	87
18) Methyl tert-butyl Ether	5.422	73	66986	32.107	ug/L	93
19) 1,1-Dichloroethane	6.220	63	64517	27.217	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	43429	27.257	ug/L	70
22) 2-Butanone	7.171	43	26135	77.255	ug/L	86
23) Bromochloromethane	7.513	128	20975	28.154	ug/L	# 65
25) Chloroform	7.677	83	74395	27.035	ug/L	99

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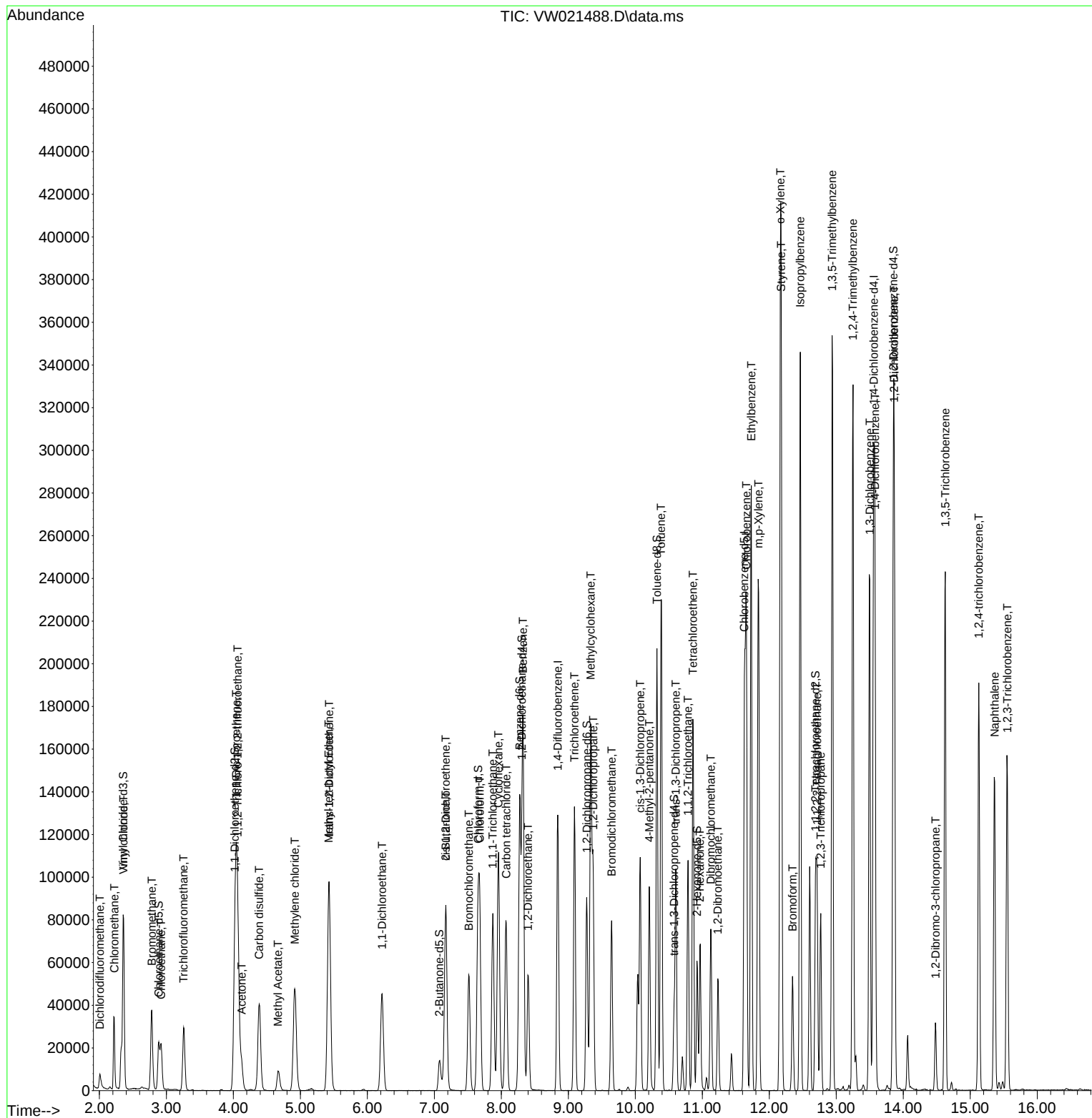
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	50248	28.835	ug/L	99
29) Cyclohexane	7.958	56	58275	28.054	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	66186	28.266	ug/L	94
31) Carbon tetrachloride	8.073	117	60287	27.910	ug/L	97
33) Benzene	8.323	78	152527	26.829	ug/L	100
34) Trichloroethene	9.092	95	43601	27.321	ug/L	95
35) Methylcyclohexane	9.335	83	72436	27.516	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	35573	28.052	ug/L #	96
38) Bromodichloromethane	9.646	83	52139	29.904	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	59035	29.533	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	57436	83.125	ug/L #	91
42) Toluene	10.384	91	174559	26.253	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	54744	31.267	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	32966	31.762	ug/L	92
46) Tetrachloroethene	10.860	164	39914	26.328	ug/L	98
48) 2-Hexanone	10.963	43	41895	83.611	ug/L #	92
49) Dibromochloromethane	11.128	129	39157	30.603	ug/L	94
50) 1,2-Dibromoethane	11.231	107	34664	33.560	ug/L #	97
51) Chlorobenzene	11.658	112	119573	26.861	ug/L	93
52) Ethylbenzene	11.731	91	200497	26.388	ug/L	100
53) m,p-Xylene	11.841	106	80500	26.263	ug/L	81
54) o-Xylene	12.164	106	78913	27.128	ug/L	90
55) Styrene	12.176	104	132225	26.708	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	41763	35.101	ug/L #	95
59) Bromoform	12.347	173	24643	34.293	ug/L	97
60) Isopropylbenzene	12.463	105	218403	26.613	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	31911	36.305	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	190183	27.234	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	180383	26.185	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	103406	26.714	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	103281	26.855	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	91206	26.764	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	7315	40.347	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	77762	26.878	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	60397	25.955	ug/L	97
71) Naphthalene	15.365	128	129536	34.263	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	55579	28.900	ug/L	96

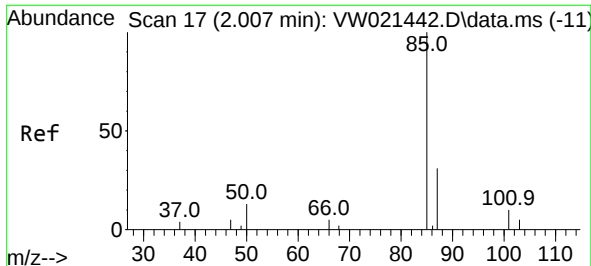
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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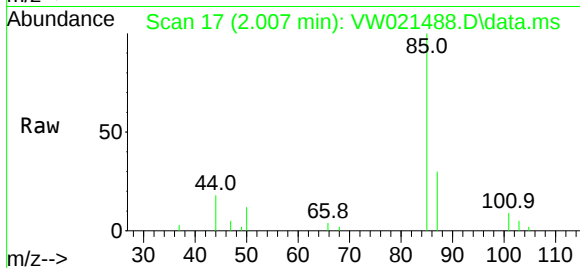
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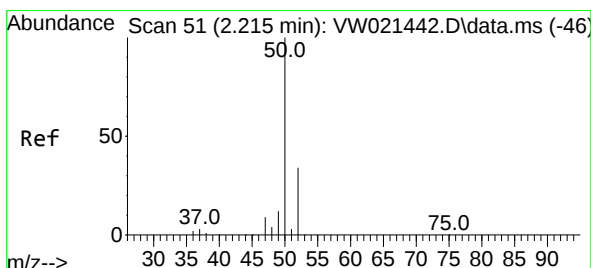
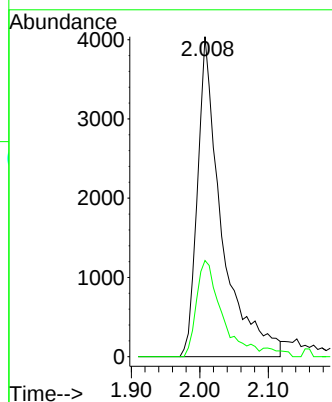
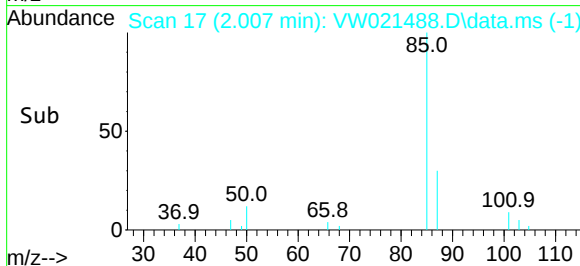


#2
 Dichlorodifluoromethane
 Concen: 22.767 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021488.D
 Acq: 18 Dec 2021 20:18

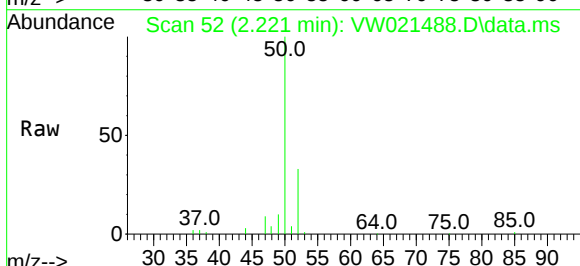
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 ClientSampleId :



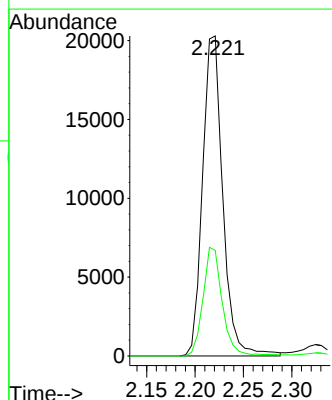
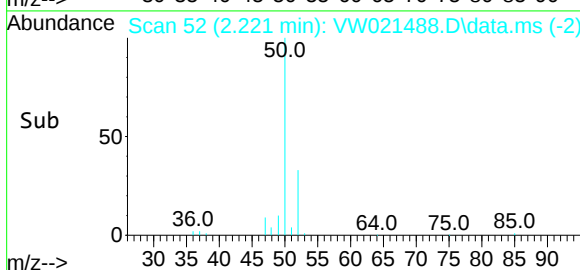
Tgt Ion: 85 Resp: 9901
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.8 38.6

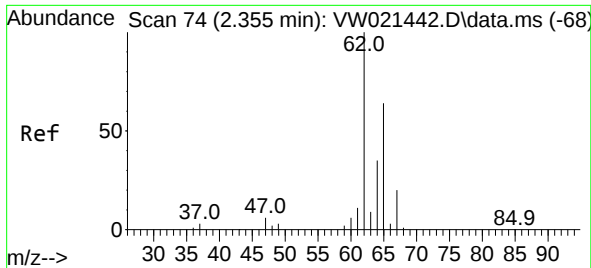


#3
 Chloromethane
 Concen: 20.528 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW021488.D
 Acq: 18 Dec 2021 20:18



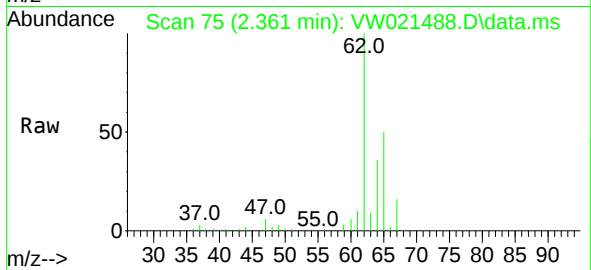
Tgt Ion: 50 Resp: 29555
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6



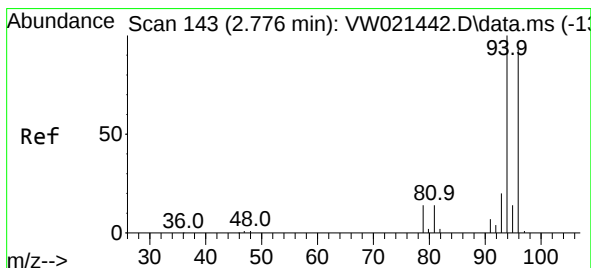
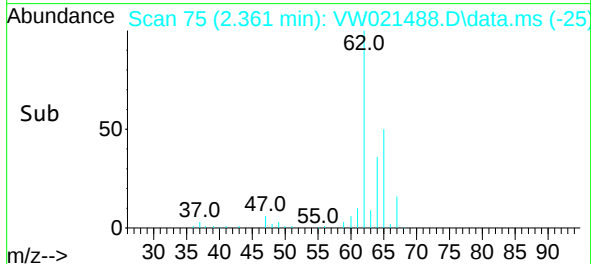
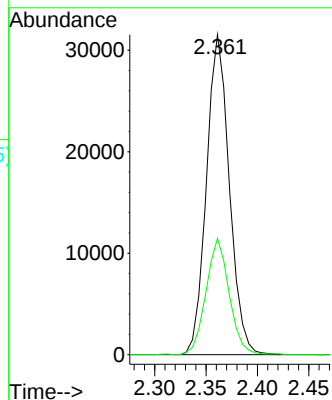


#5
 Vinyl chloride
 Concen: 21.645 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021488.D
 Acq: 18 Dec 2021 20:18

Instrument :
 MSVOA_W
 ClientSampleId :

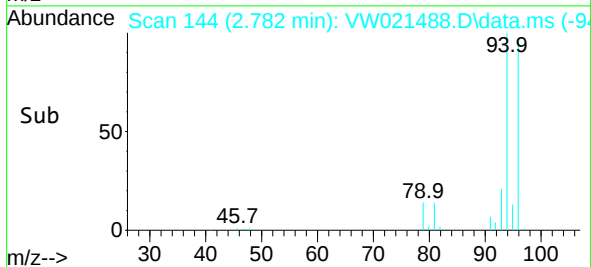
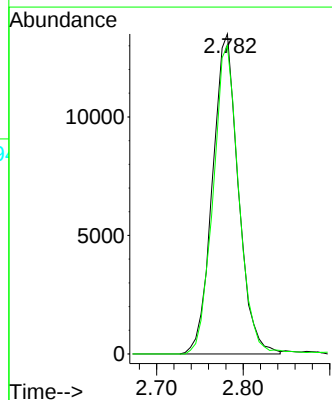
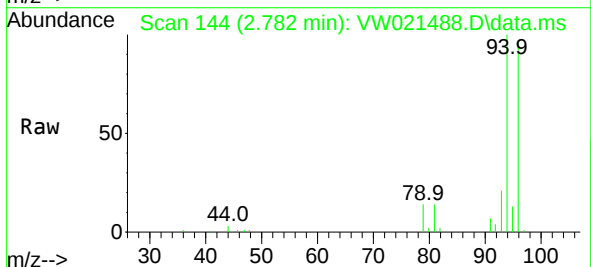


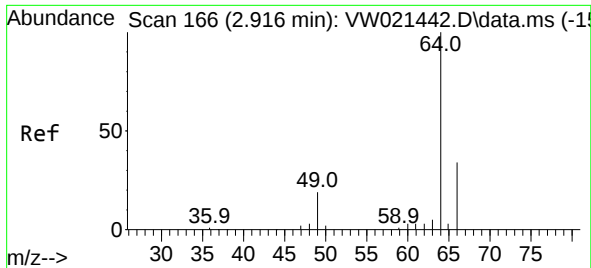
Tgt Ion: 62 Resp: 48922
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.4 45.2



#6
 Bromomethane
 Concen: 19.065 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021488.D
 Acq: 18 Dec 2021 20:18

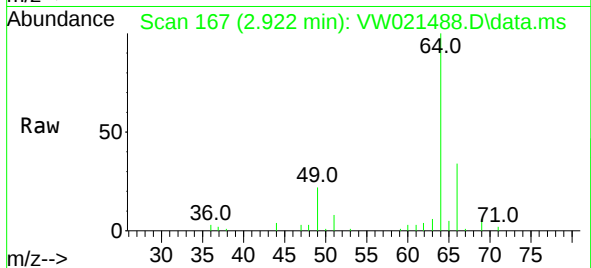
Tgt Ion: 94 Resp: 27951
 Ion Ratio Lower Upper
 94 100
 96 96.4 64.8 120.4



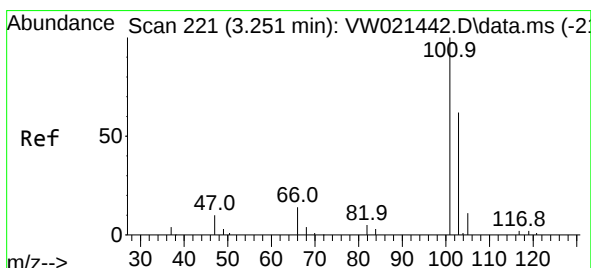
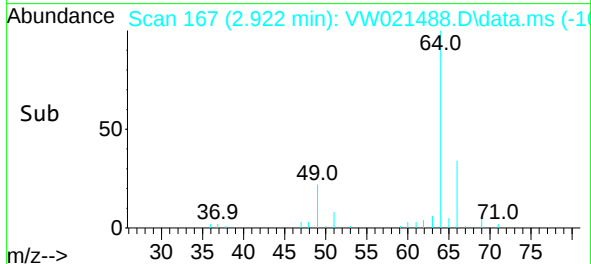
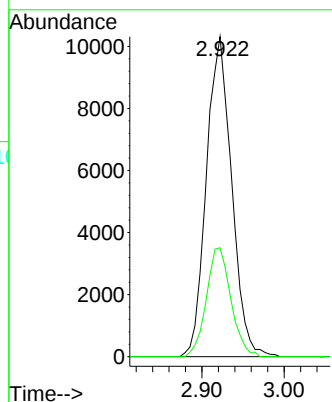


#8
Chloroethane
Concen: 21.159 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Instrument :
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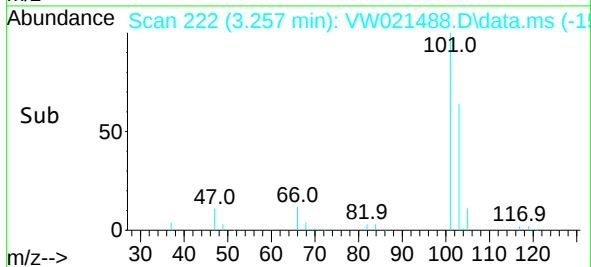
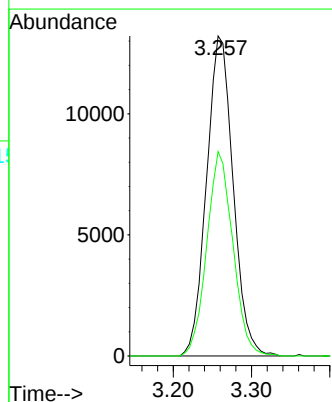
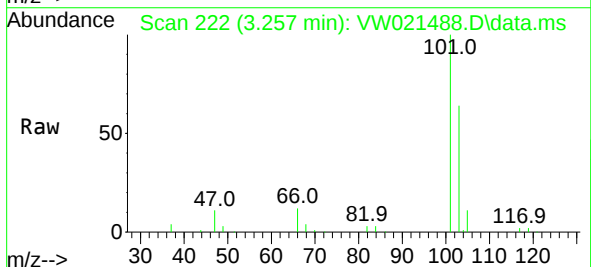


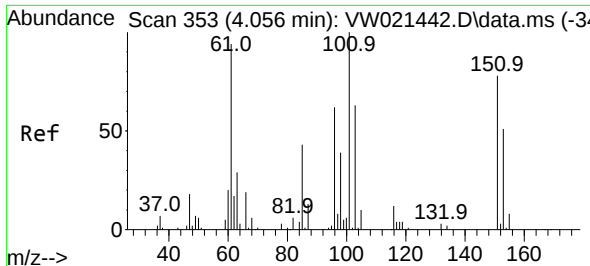
Tgt Ion: 64 Resp: 22032
Ion Ratio Lower Upper
64 100
66 34.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.151 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion: 101 Resp: 31187
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.2

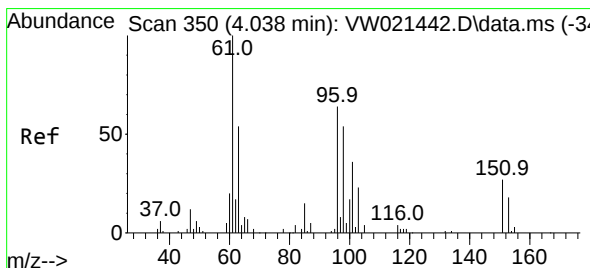
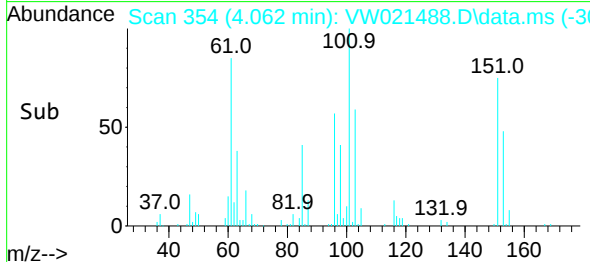
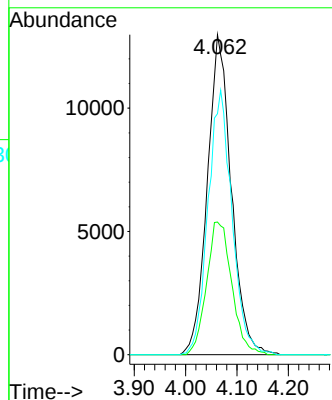
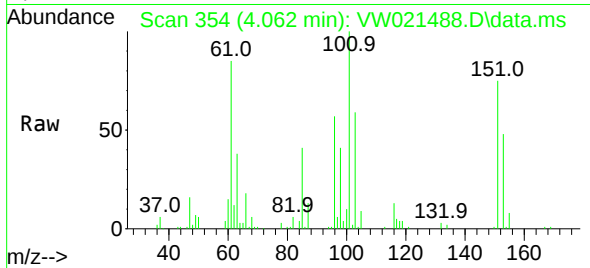




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.113 ug/L
RT: 4.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

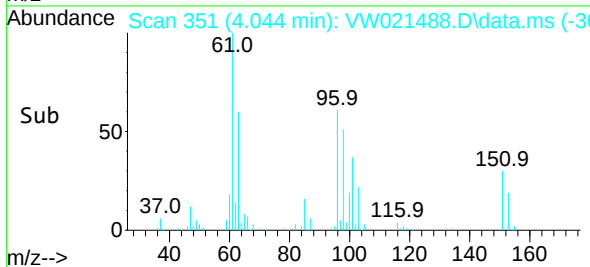
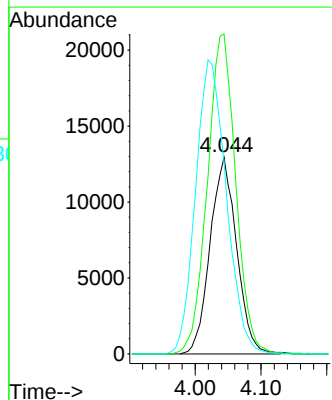
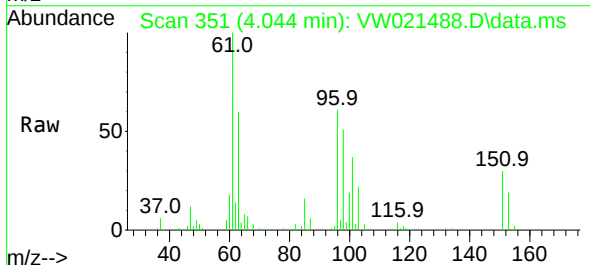
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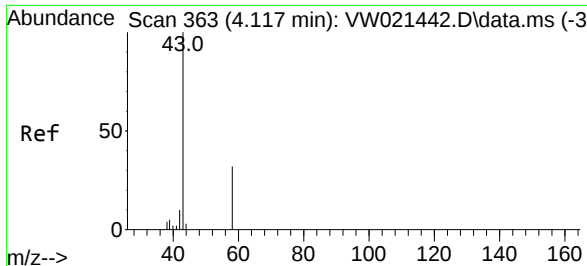
Tgt Ion:101 Resp: 42139
Ion Ratio Lower Upper
101 100
85 43.5 36.6 54.8
151 82.7 57.4 86.0



#12
1,1-Dichloroethene
Concen: 26.042 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion: 96 Resp: 36333
Ion Ratio Lower Upper
96 100
61 162.7 138.3 256.9
63 97.8 82.6 153.4

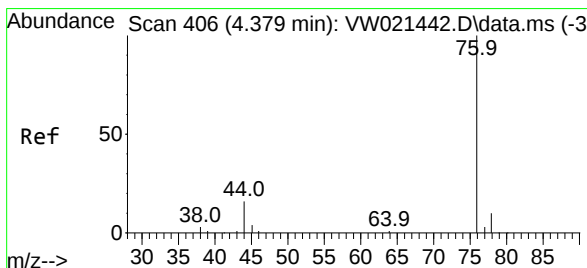
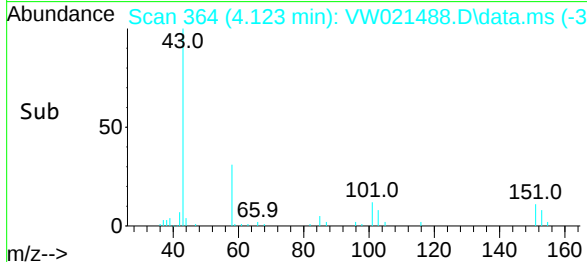
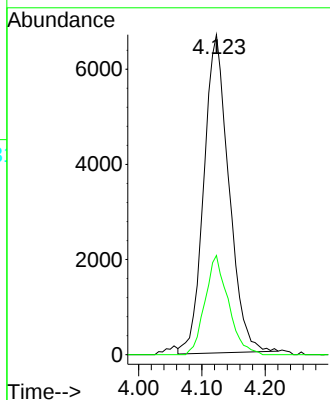
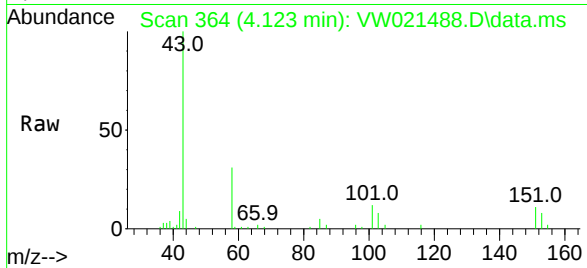




#13
Acetone
Concen: 70.999 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

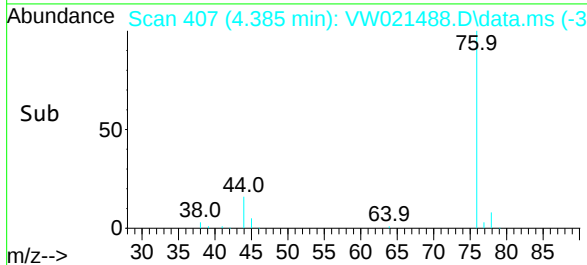
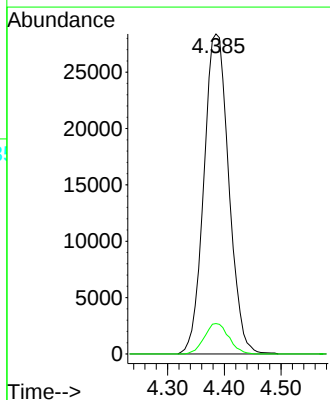
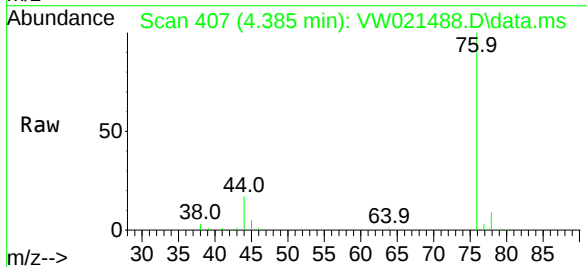
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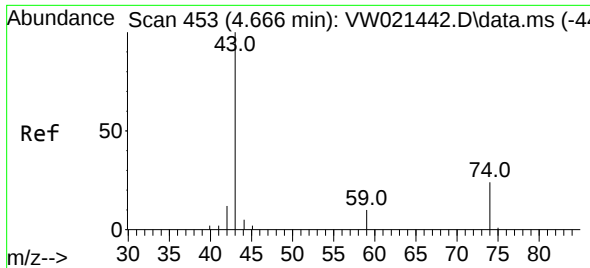
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 52.8



#14
Carbon disulfide
Concen: 24.035 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 86599
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

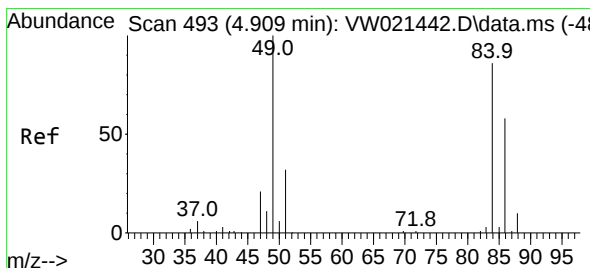
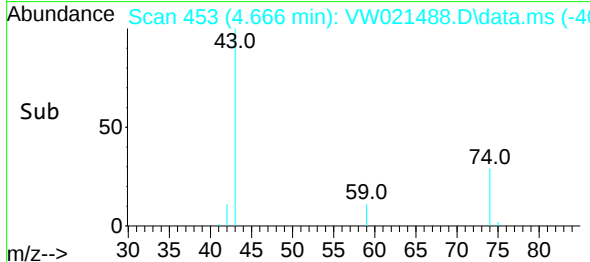
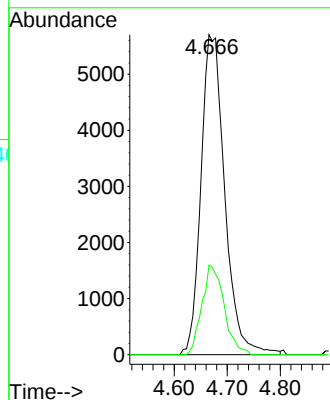
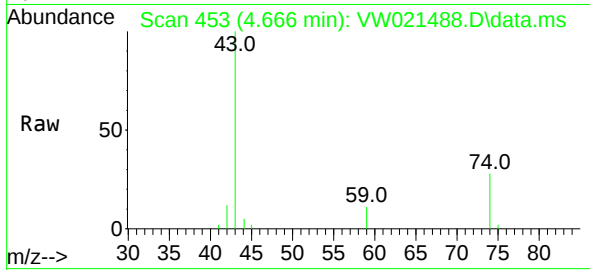




#15
Methyl Acetate
Concen: 39.766 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

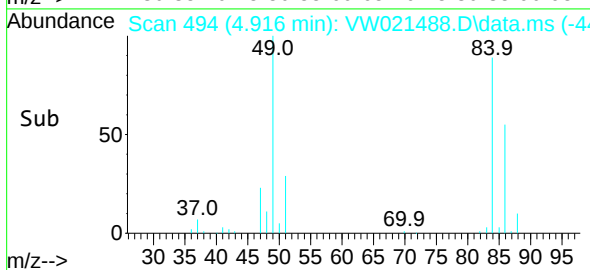
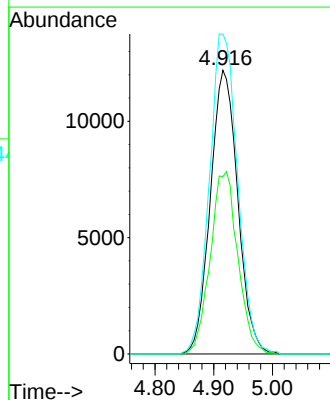
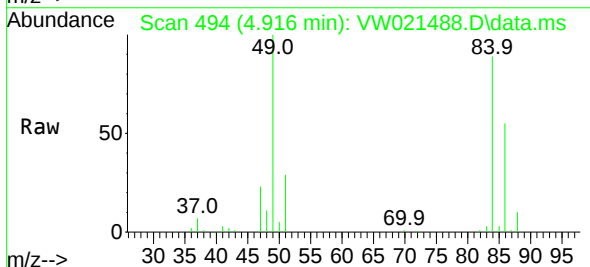
Instrument :
MSVOA_W
ClientSampleId :

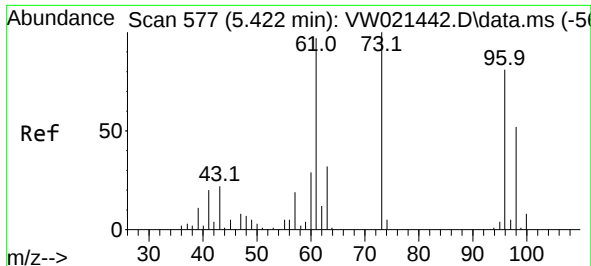
Tgt Ion: 43 Resp: 17774
Ion Ratio Lower Upper
43 100
74 26.1 16.4 24.6#



#16
Methylene chloride
Concen: 21.287 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion: 84 Resp: 39589
Ion Ratio Lower Upper
84 100
86 62.6 45.5 84.5
49 112.8 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 25.094 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

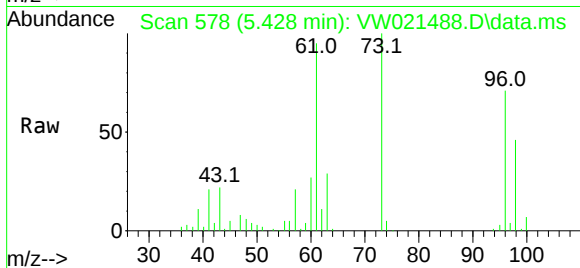
Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

ClientSampleId :



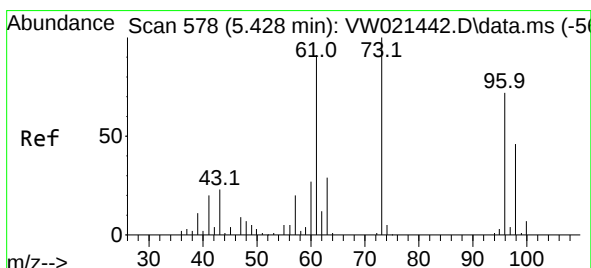
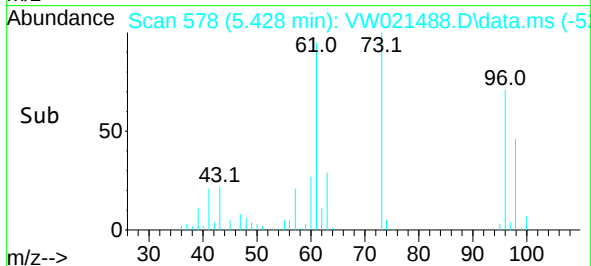
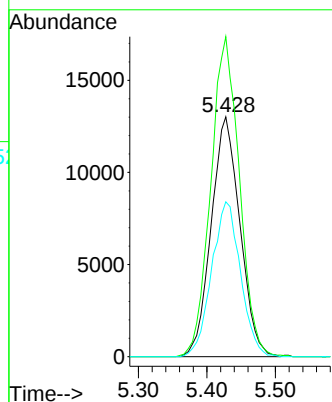
Tgt Ion: 96 Resp: 37908

Ion Ratio Lower Upper

96 100

61 133.4 107.4 199.4

98 64.6 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 32.107 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

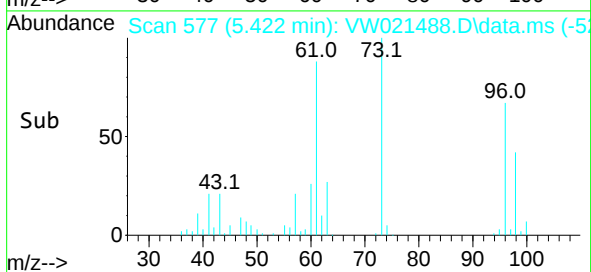
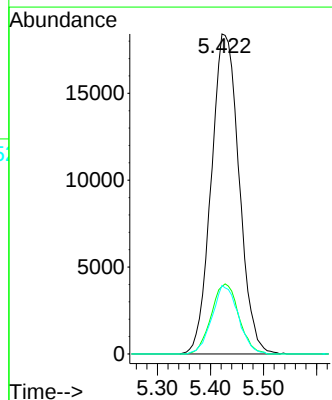
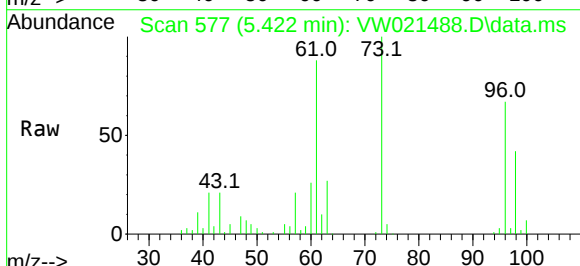
Tgt Ion: 73 Resp: 66986

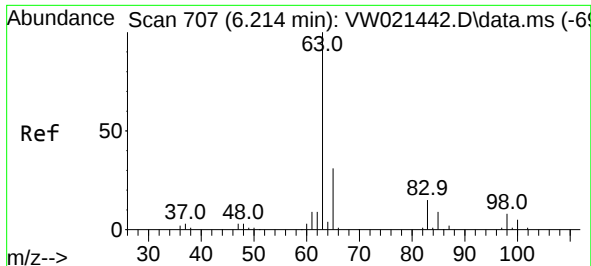
Ion Ratio Lower Upper

73 100

43 21.7 19.5 29.3

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 27.217 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

ClientSampleId :

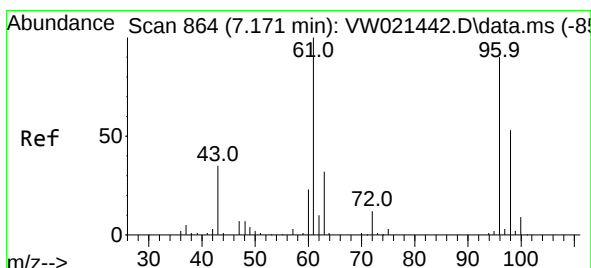
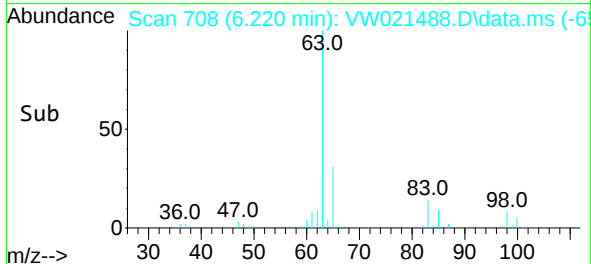
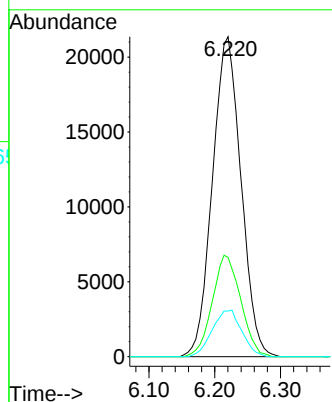
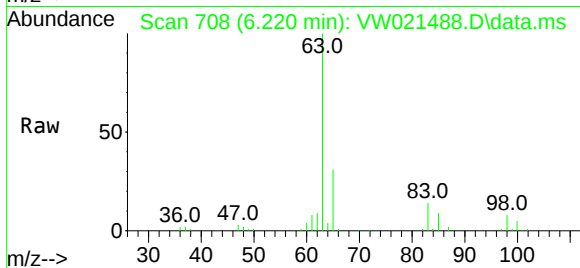
Tgt Ion: 63 Resp: 64517

Ion Ratio Lower Upper

63 100

65 31.0 22.1 41.1

83 14.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 27.257 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

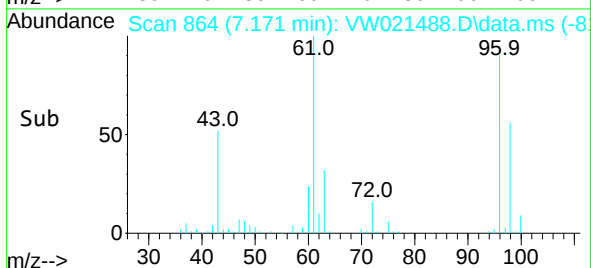
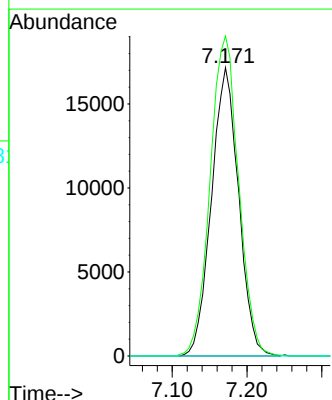
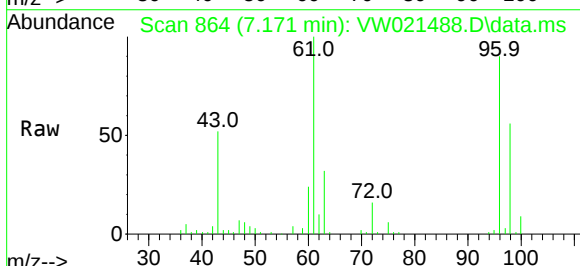
Tgt Ion: 96 Resp: 43429

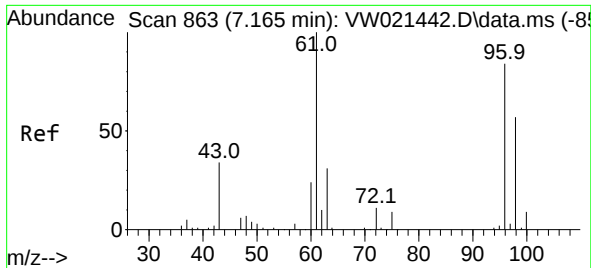
Ion Ratio Lower Upper

96 100

61 111.0 103.7 192.7

68 0.0 0.0 0.0

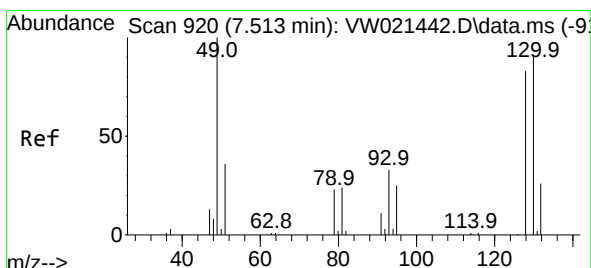
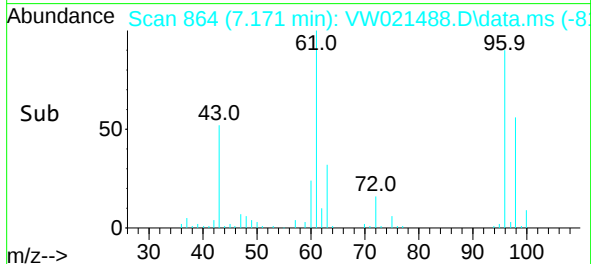
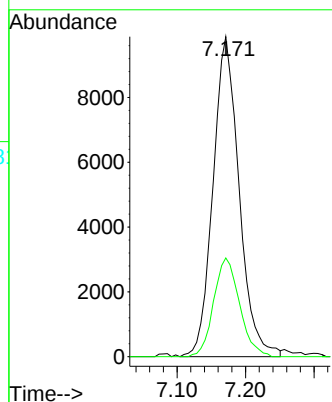
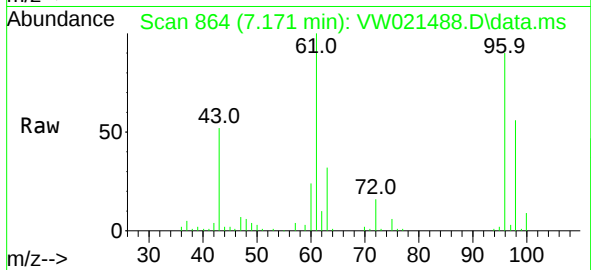




#22
2-Butanone
Concen: 77.255 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

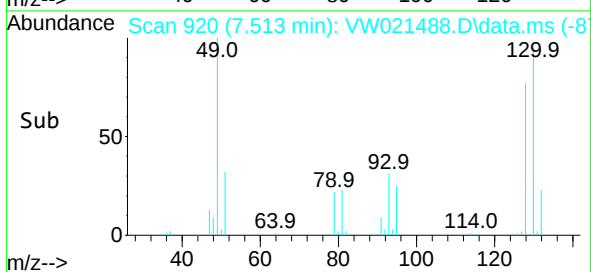
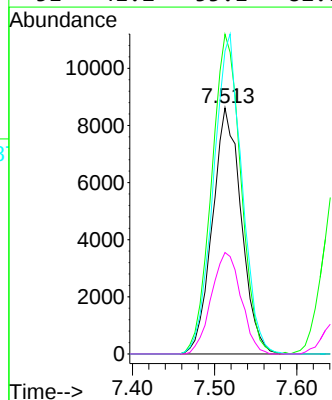
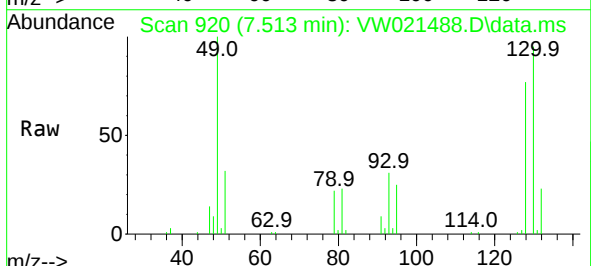
Instrument :
MSVOA_W
ClientSampleId :

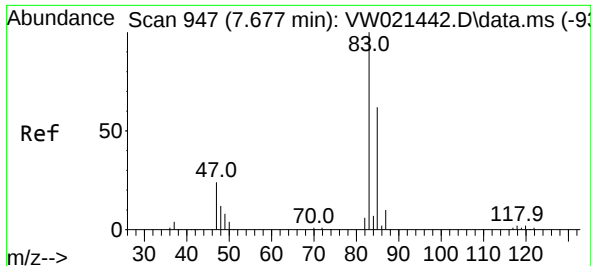
Tgt Ion: 43 Resp: 26135
Ion Ratio Lower Upper
43 100
72 30.6 11.8 35.4



#23
Bromochloromethane
Concen: 28.154 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion: 128 Resp: 20975
Ion Ratio Lower Upper
128 100
49 129.9 150.3 279.1#
130 123.1 88.3 163.9
51 41.2 55.1 82.7#

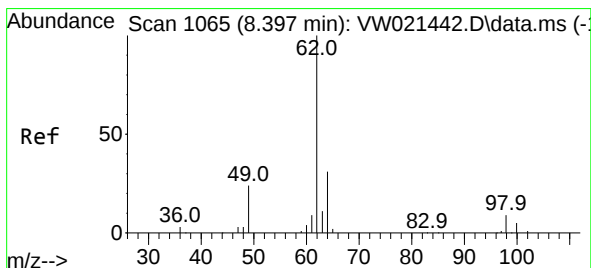
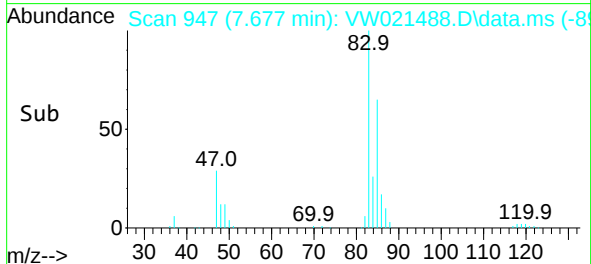
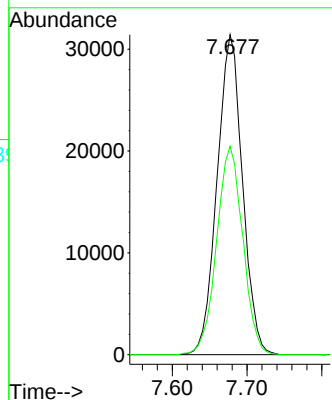
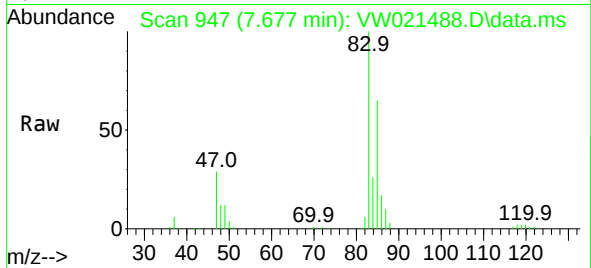




#25
Chloroform
Concen: 27.035 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

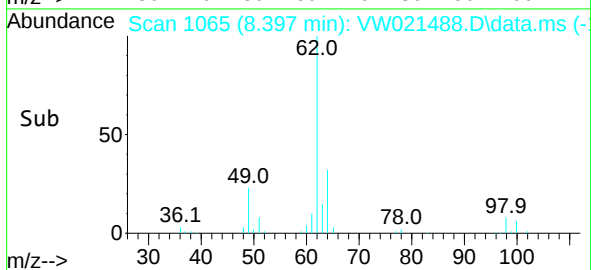
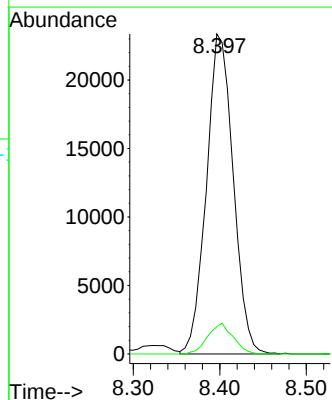
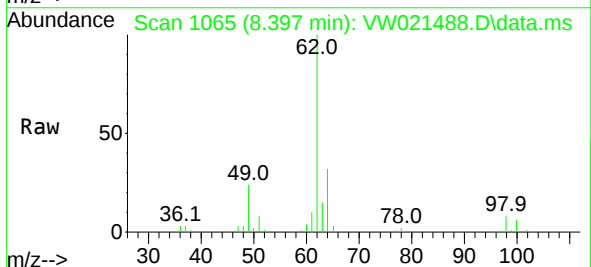
Instrument :
MSVOA_W
ClientSampleId :

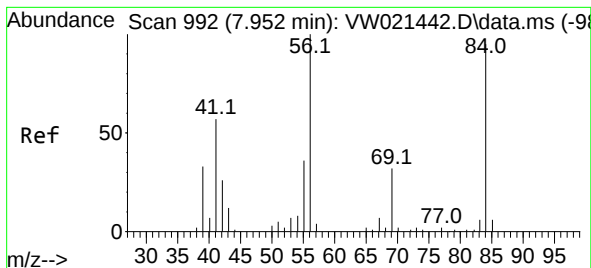
Tgt Ion: 83 Resp: 74395
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 28.835 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion: 62 Resp: 50248
Ion Ratio Lower Upper
62 100
98 8.5 6.5 9.7





#29

Cyclohexane

Concen: 28.054 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

ClientSampleId :

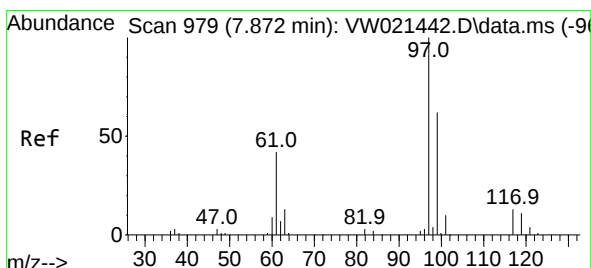
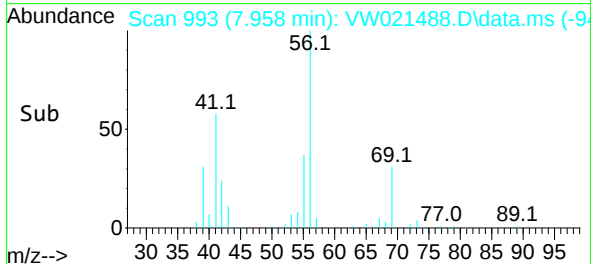
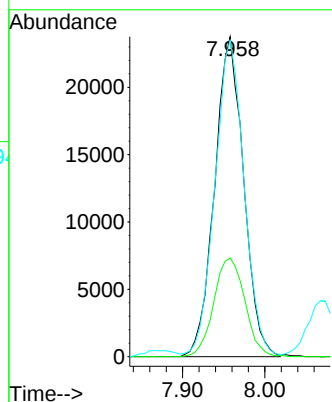
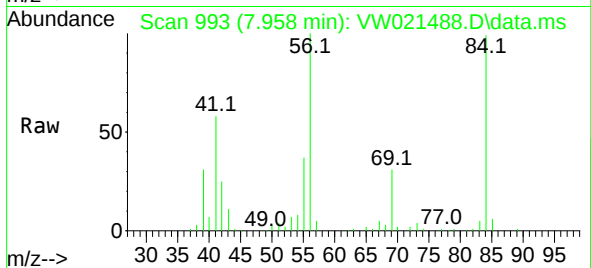
Tgt Ion: 56 Resp: 58275

Ion Ratio Lower Upper

56 100

69 32.9 23.5 35.3

84 99.7 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 28.266 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

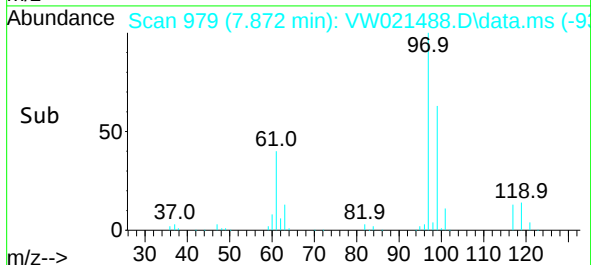
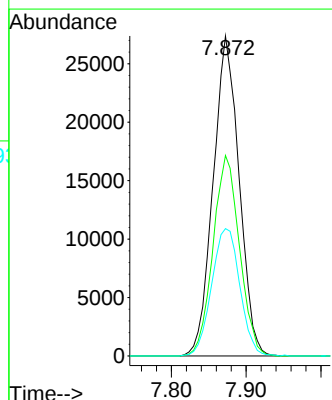
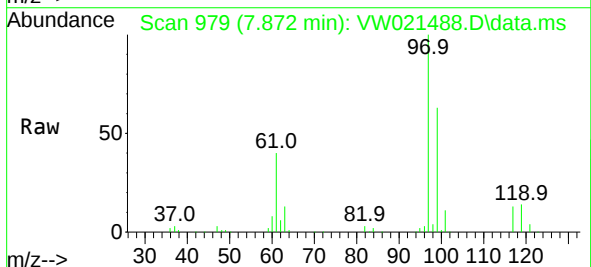
Tgt Ion: 97 Resp: 66186

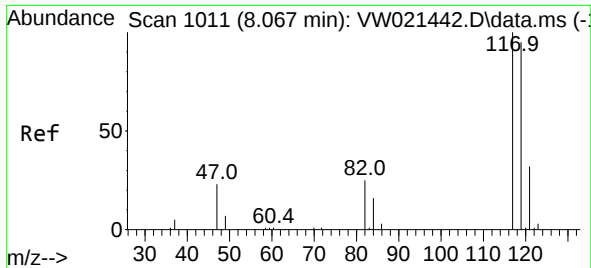
Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

61 43.2 40.9 61.3

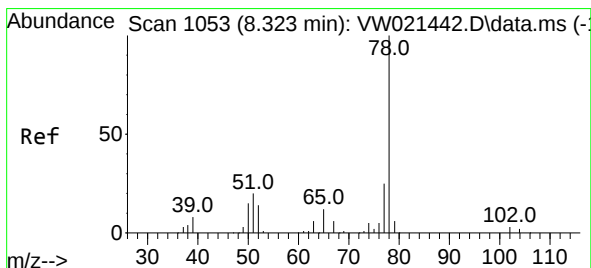
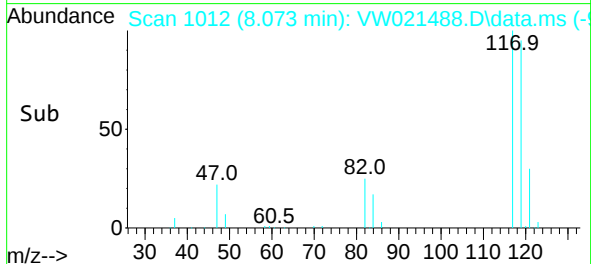
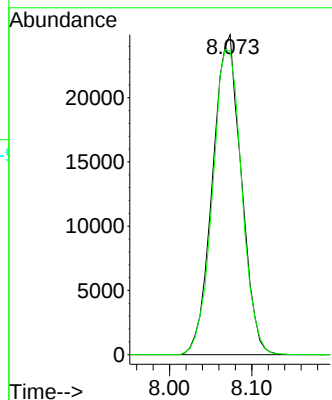
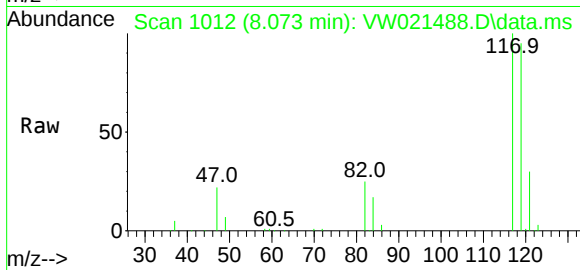




#31
Carbon tetrachloride
Concen: 27.910 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

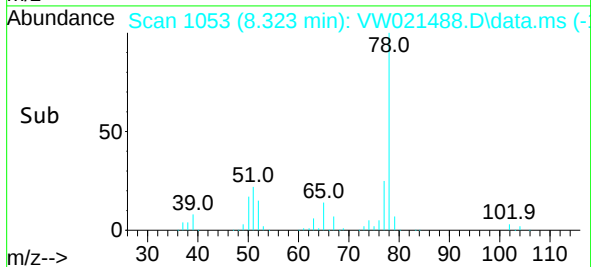
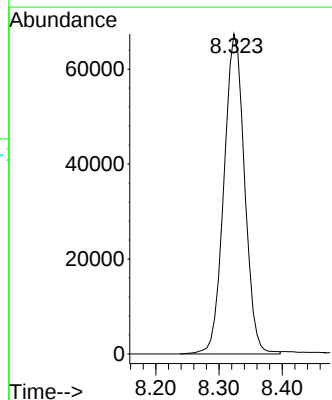
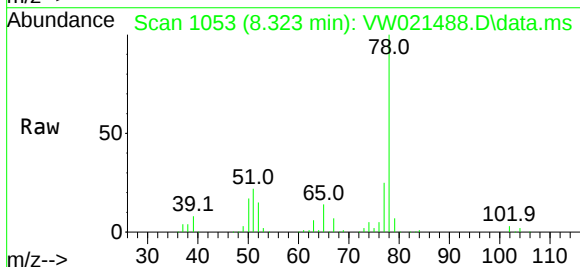
Instrument :
MSVOA_W
ClientSampleId :

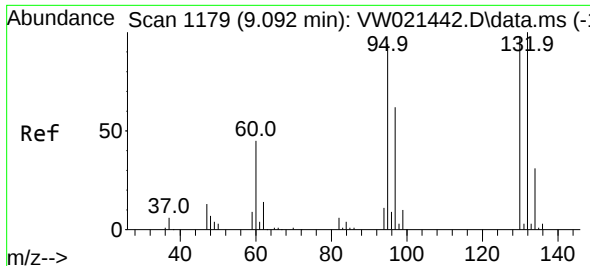
Tgt Ion:117 Resp: 60287
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5



#33
Benzene
Concen: 26.829 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

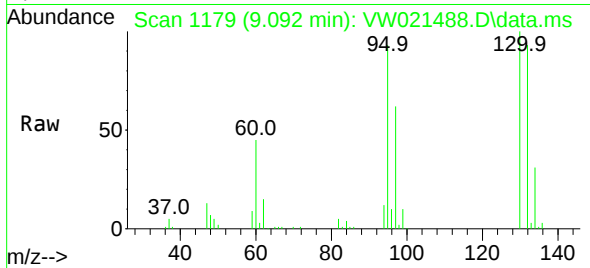
Tgt Ion: 78 Resp: 152527



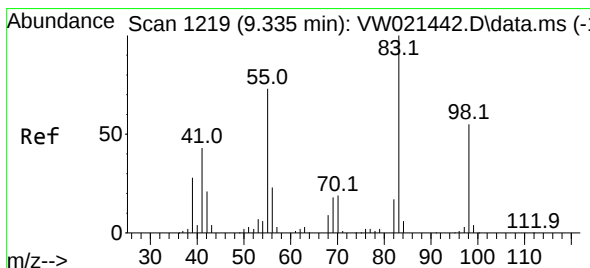
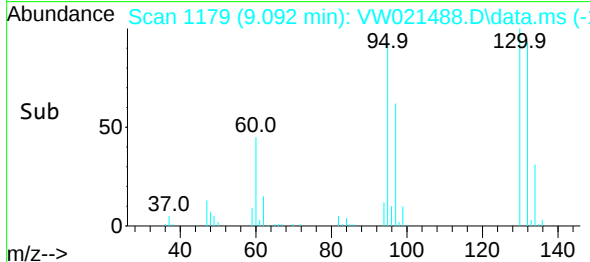
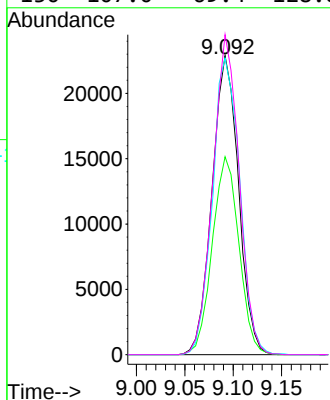


#34
Trichloroethene
Concen: 27.321 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Instrument :
MSVOA_W
ClientSampleId :

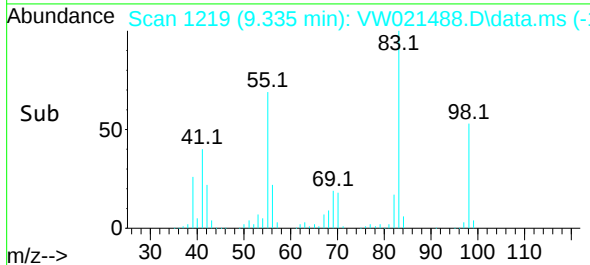
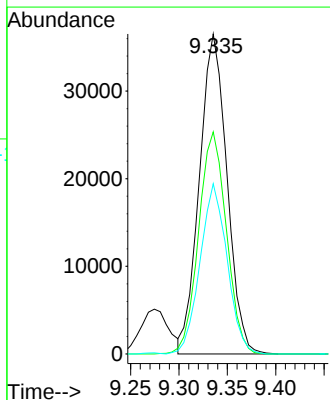
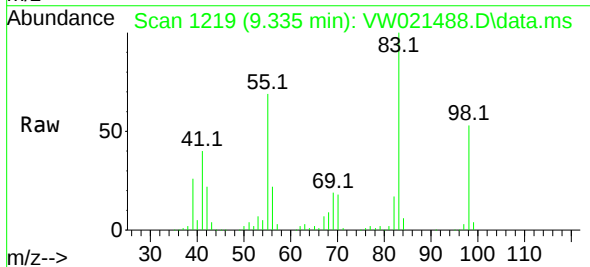


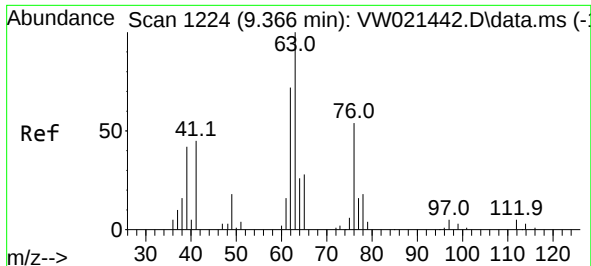
Tgt Ion: 95 Resp: 43601
Ion Ratio Lower Upper
95 100
97 66.2 47.0 87.2
132 99.1 65.5 121.6
130 107.0 69.4 128.8



#35
Methylcyclohexane
Concen: 27.516 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion: 83 Resp: 72436
Ion Ratio Lower Upper
83 100
55 69.9 70.8 106.2#
98 52.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 28.052 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

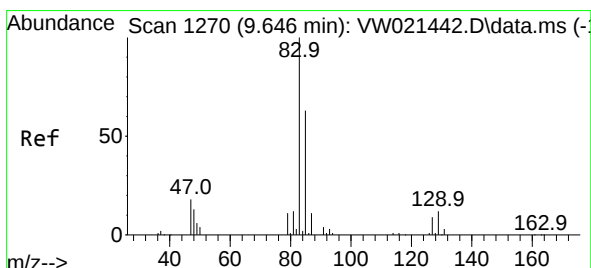
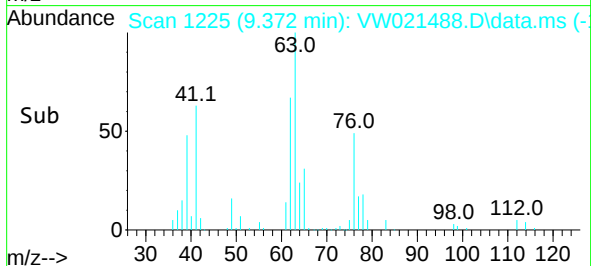
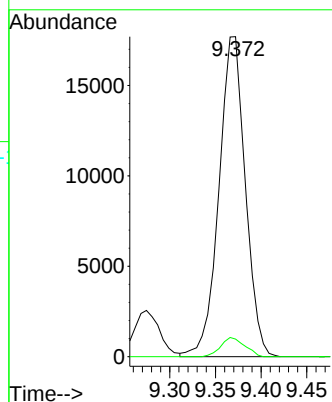
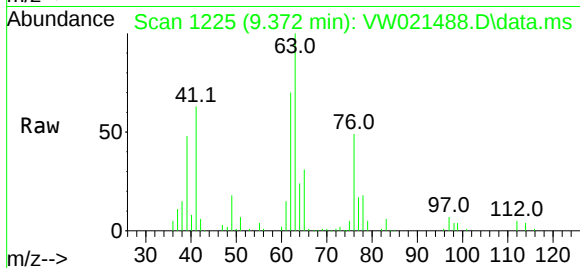
ClientSampleId :

Tgt Ion: 63 Resp: 35573

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 29.904 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

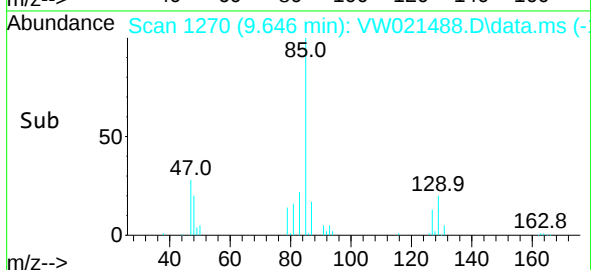
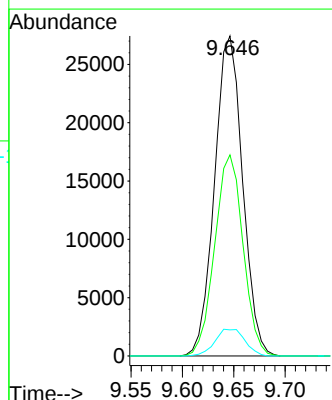
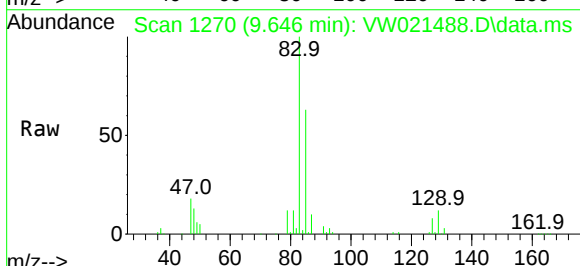
Tgt Ion: 83 Resp: 52139

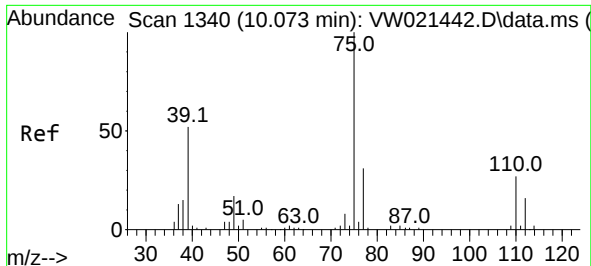
Ion Ratio Lower Upper

83 100

85 62.9 44.1 81.9

127 8.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 29.533 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

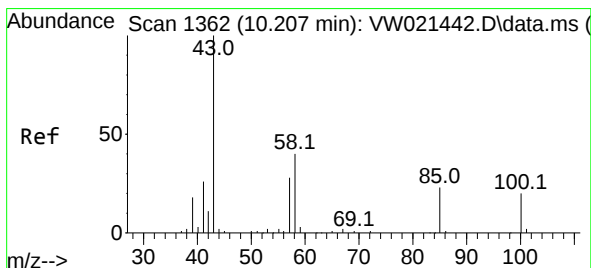
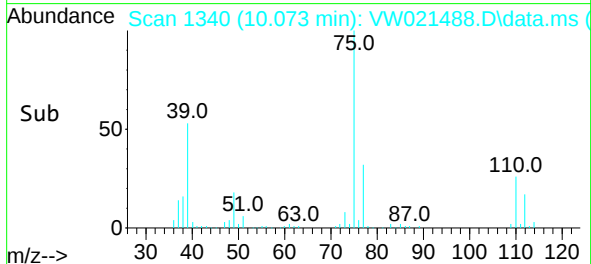
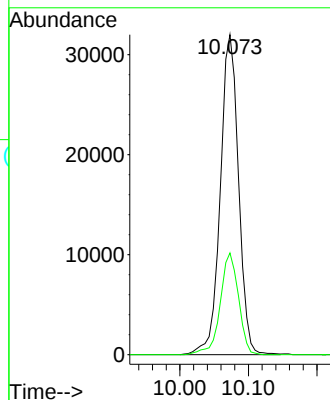
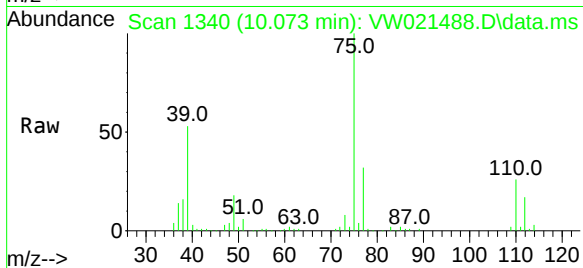
ClientSampleId :

Tgt Ion: 75 Resp: 59035

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 83.125 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

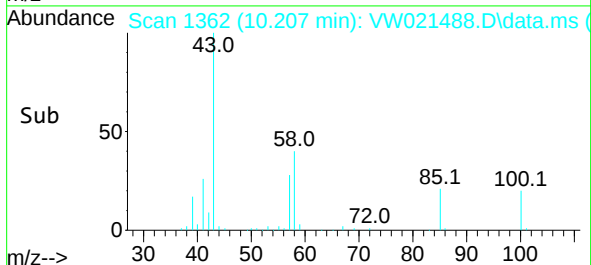
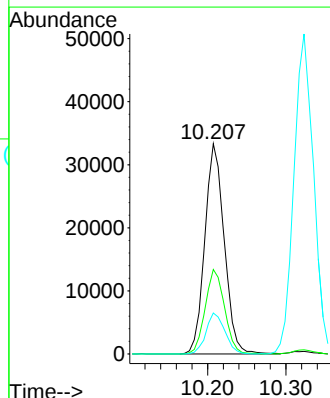
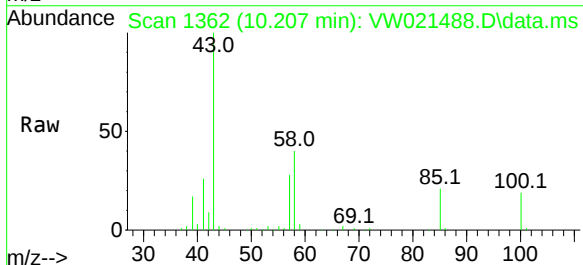
Tgt Ion: 43 Resp: 57436

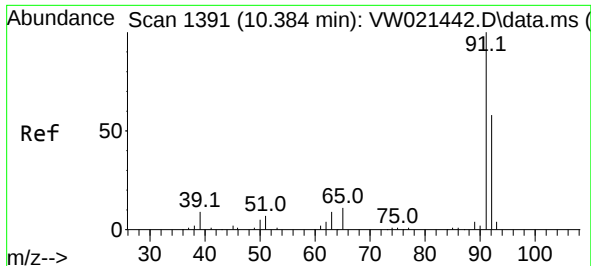
Ion Ratio Lower Upper

43 100

58 40.0 28.8 43.2

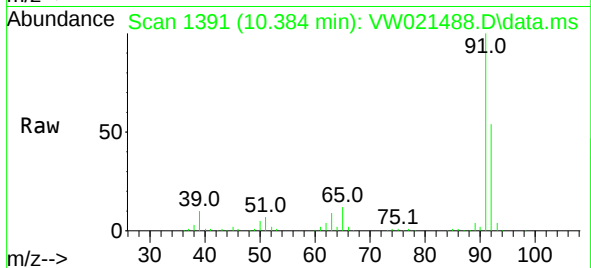
100 18.9 10.0 15.0#



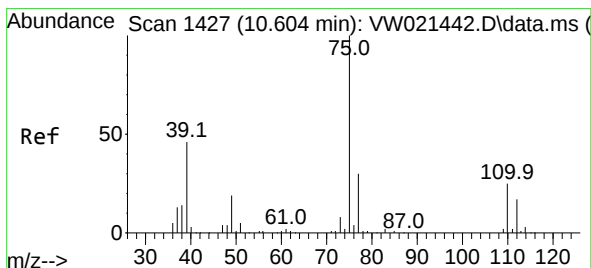
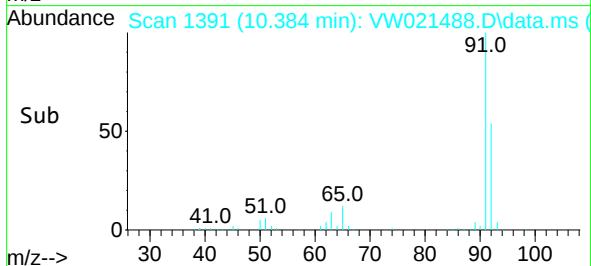
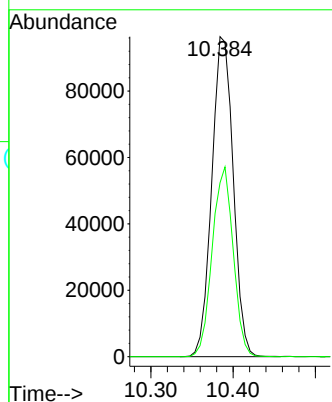


#42
Toluene
Concen: 26.253 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Instrument :
MSVOA_W
ClientSampleId :

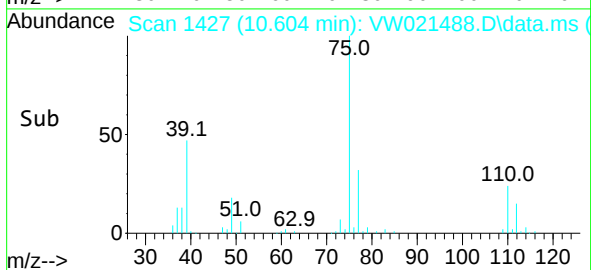
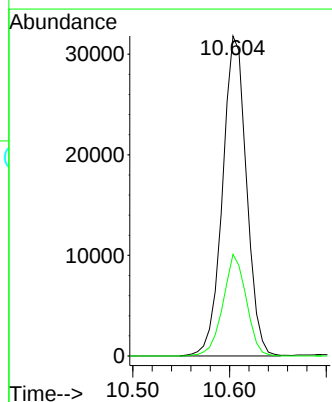
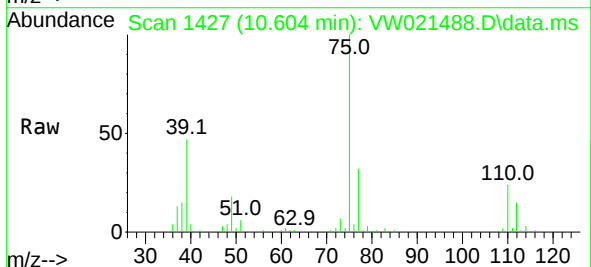


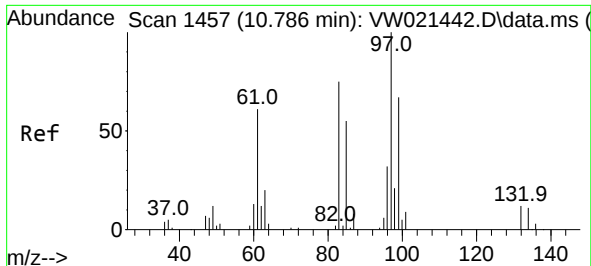
Tgt Ion: 91 Resp: 174559
Ion Ratio Lower Upper
91 100
92 54.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 31.267 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion: 75 Resp: 54744
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2

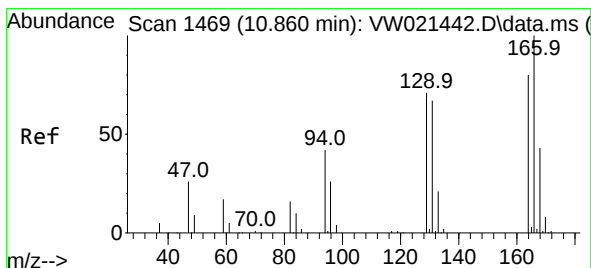
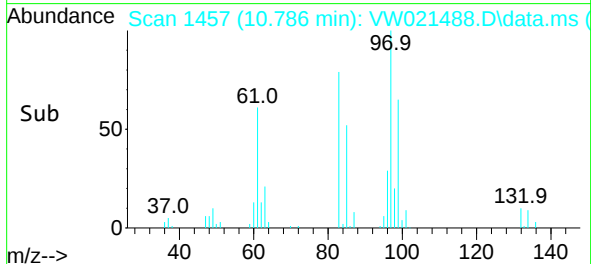
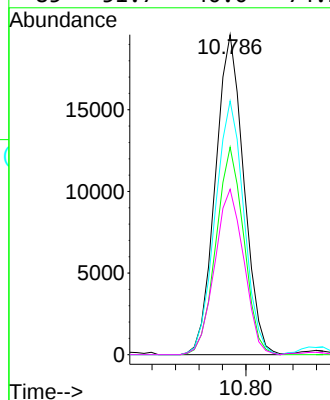
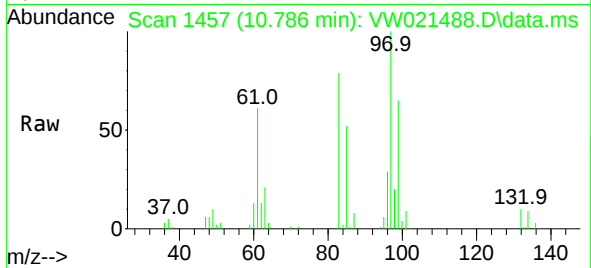




#45
1,1,2-Trichloroethane
Concen: 31.762 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

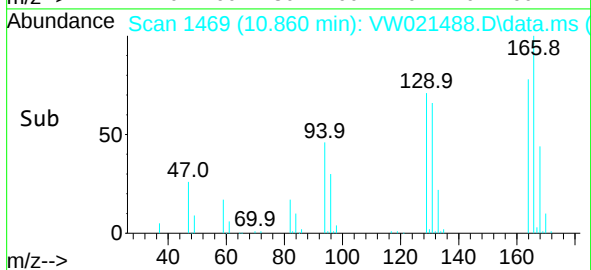
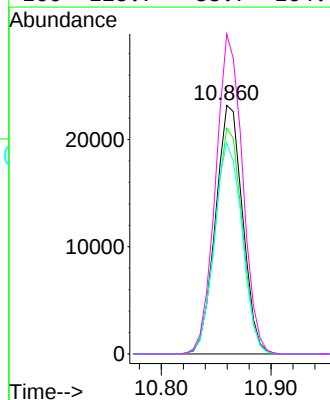
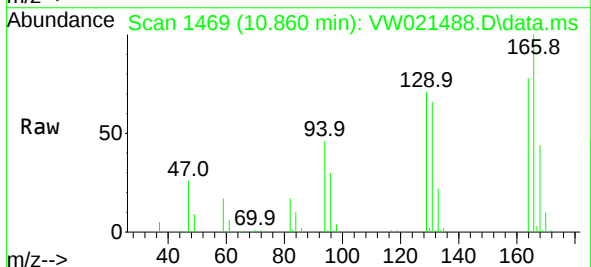
Instrument :
MSVOA_W
ClientSampleId :

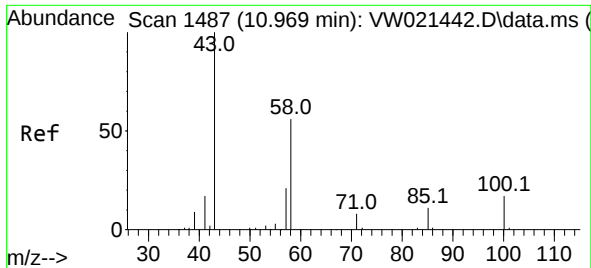
Tgt Ion:	97	Resp:	32966
Ion	Ratio	Lower	Upper
97	100		
99	64.8	43.0	79.8
83	79.3	62.6	116.3
85	51.7	40.0	74.2



#46
Tetrachloroethene
Concen: 26.328 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

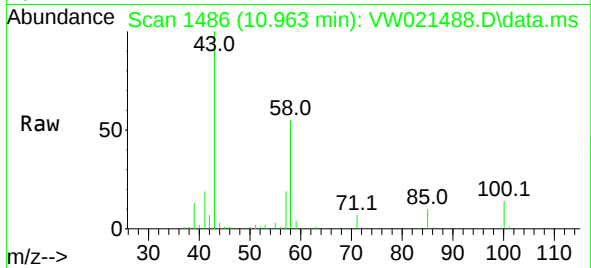
Tgt Ion:	164	Resp:	39914
Ion	Ratio	Lower	Upper
164	100		
129	90.9	65.5	121.7
131	85.0	59.7	110.9
166	128.7	88.7	164.7



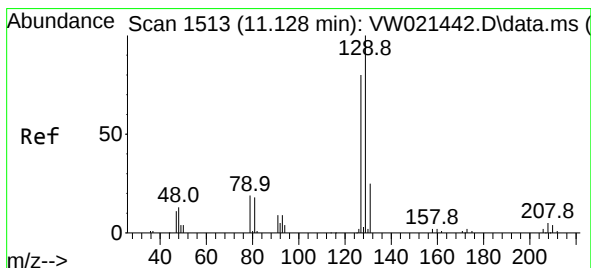
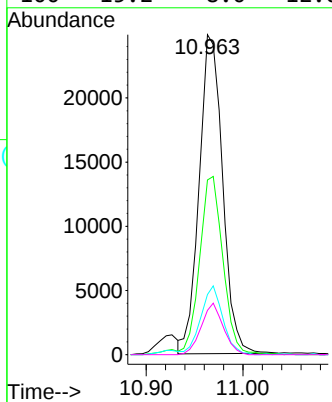
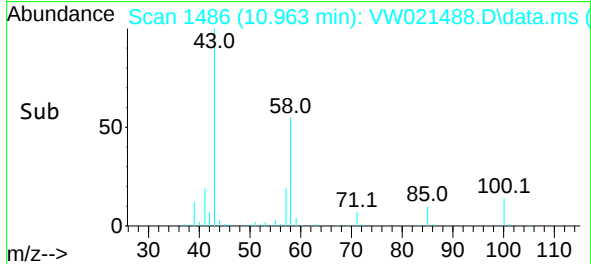


#48
2-Hexanone
Concen: 83.611 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Instrument :
MSVOA_W
ClientSampleId :

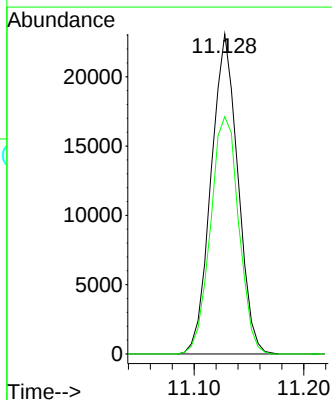
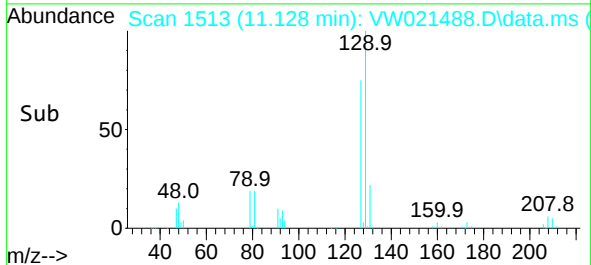
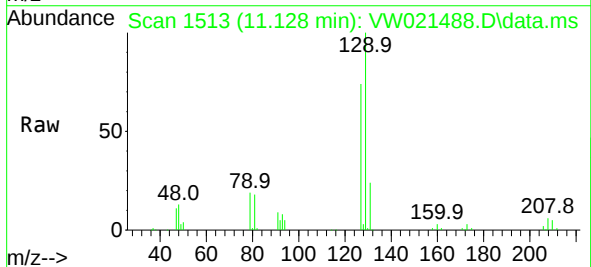


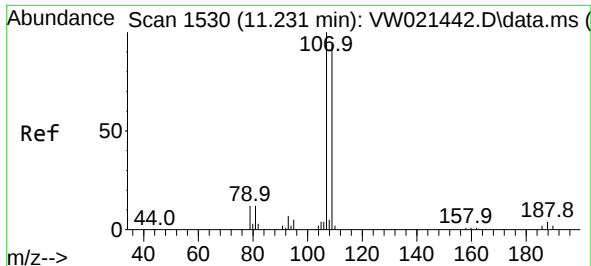
Tgt Ion: 43 Resp: 41895
Ion Ratio Lower Upper
43 100
58 55.7 40.2 60.2
57 20.2 14.3 21.5
100 15.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 30.603 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion:129 Resp: 39157
Ion Ratio Lower Upper
129 100
127 74.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 33.560 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

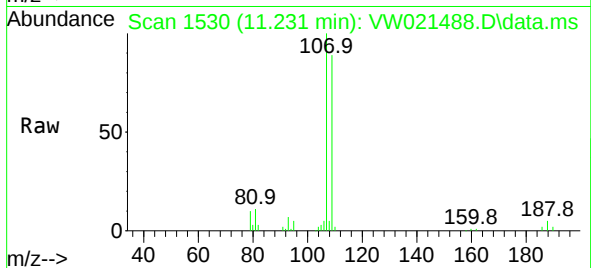
Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

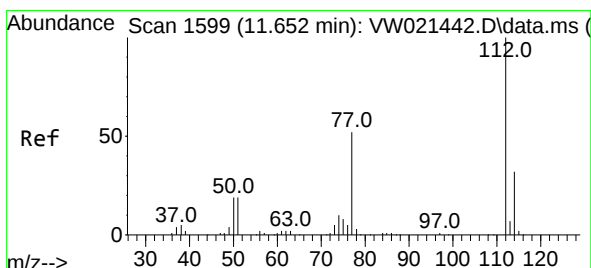
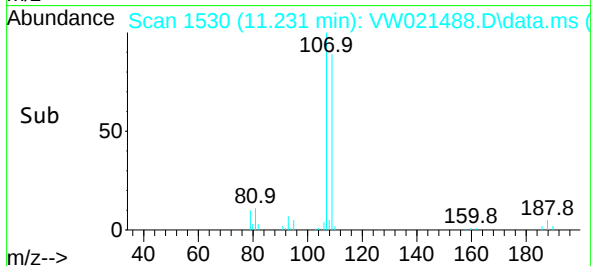
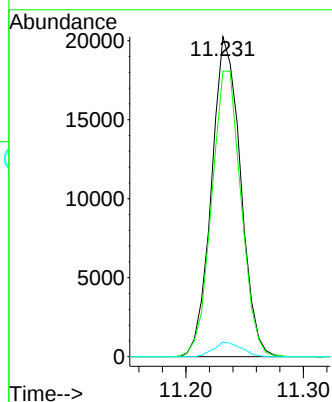
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	34664
Ion	Ratio	Lower	Upper
107	100		
109	89.3	64.1	119.1
188	4.6	2.6	3.8#



#51

Chlorobenzene

Concen: 26.861 ug/L

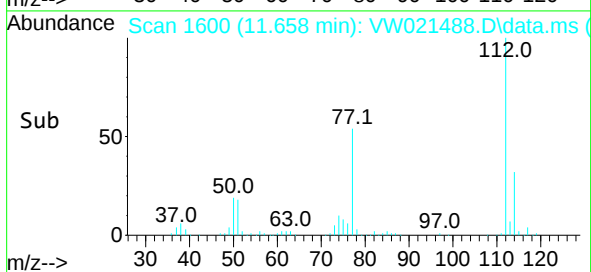
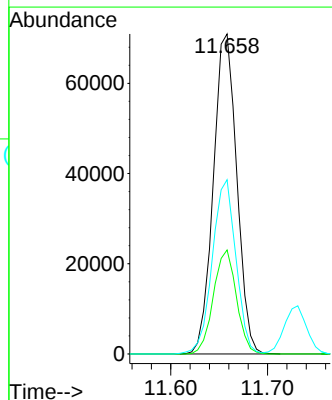
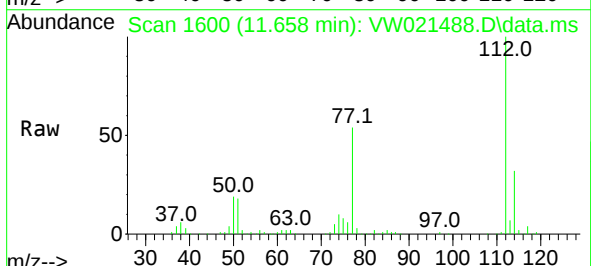
RT: 11.658 min Scan# 1600

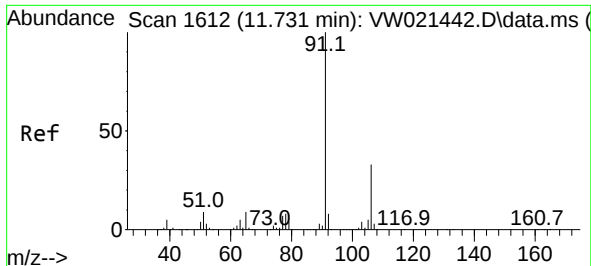
Delta R.T. 0.006 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Tgt Ion:	112	Resp:	119573
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.4	41.6
77	54.5	50.2	75.4





#52

Ethylbenzene

Concen: 26.388 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

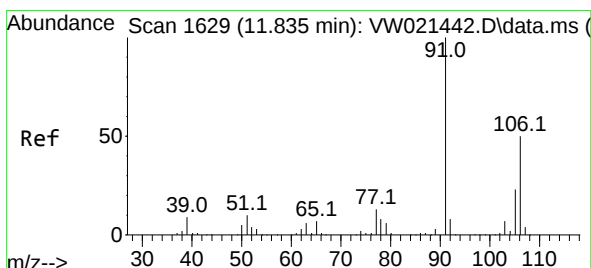
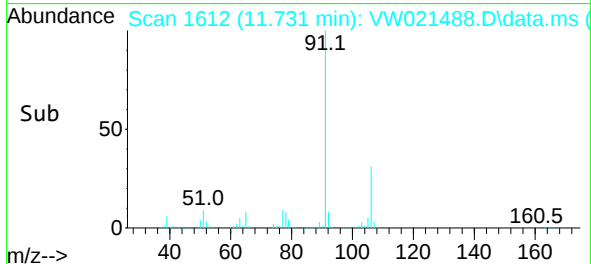
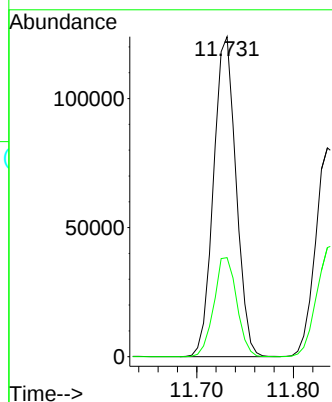
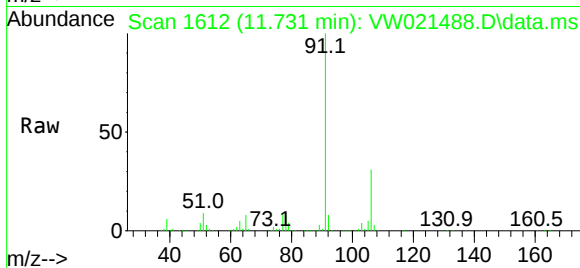
ClientSampleId :

Tgt Ion: 91 Resp: 200497

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9



#53

m,p-Xylene

Concen: 26.263 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021488.D

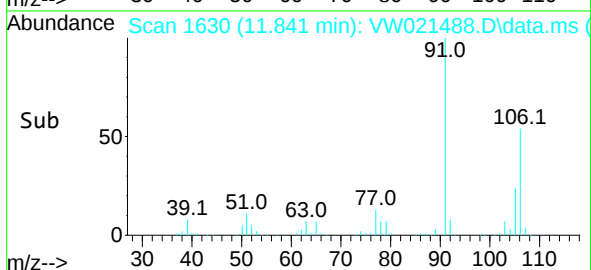
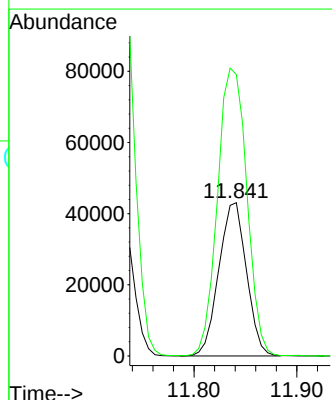
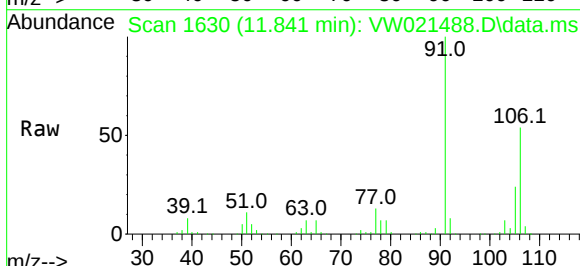
Acq: 18 Dec 2021 20:18

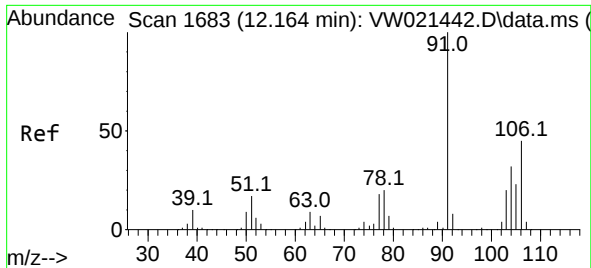
Tgt Ion:106 Resp: 80500

Ion Ratio Lower Upper

106 100

91 183.6 149.9 278.3

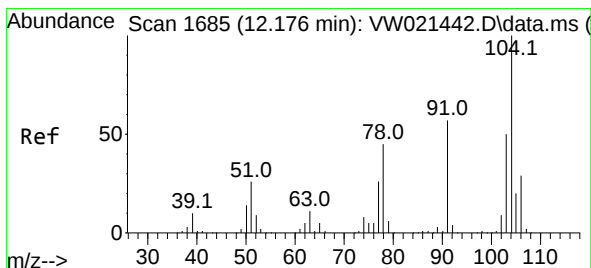
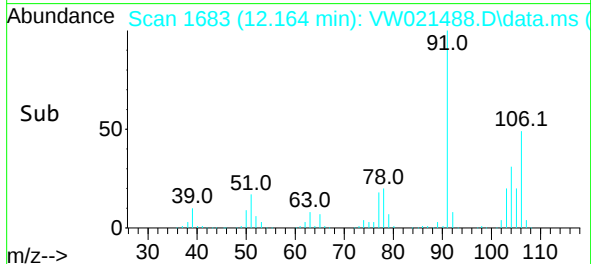
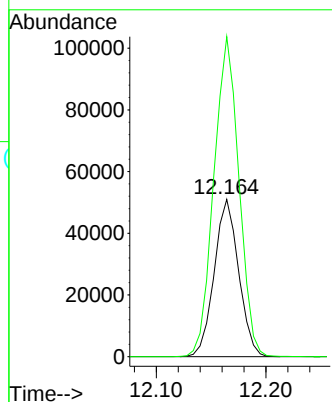
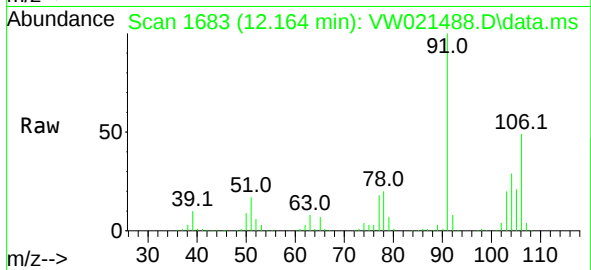




#54
o-Xylene
Concen: 27.128 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

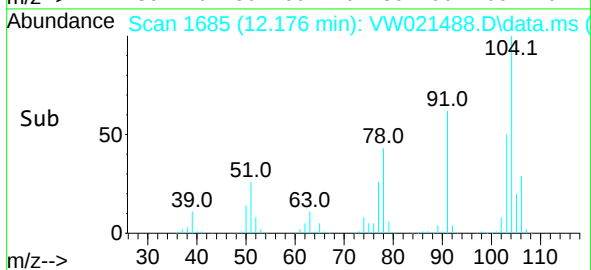
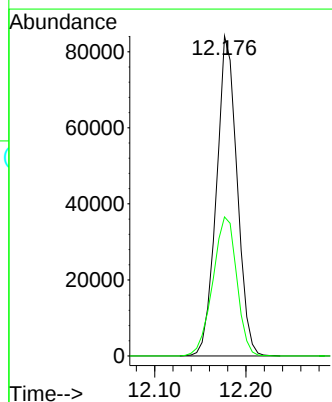
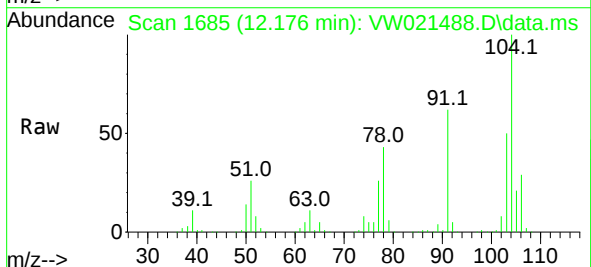
Instrument :
MSVOA_W
ClientSampleId :

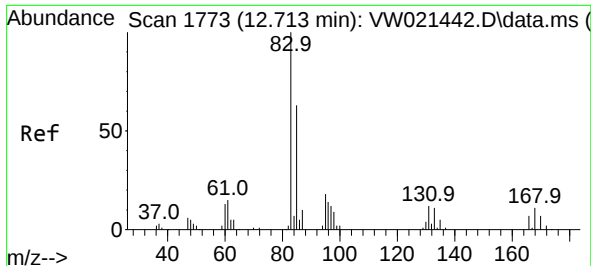
Tgt Ion:106 Resp: 78913
Ion Ratio Lower Upper
106 100
91 203.4 153.6 285.3



#55
Styrene
Concen: 26.708 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion:104 Resp: 132225
Ion Ratio Lower Upper
104 100
78 43.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 35.101 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021488.D

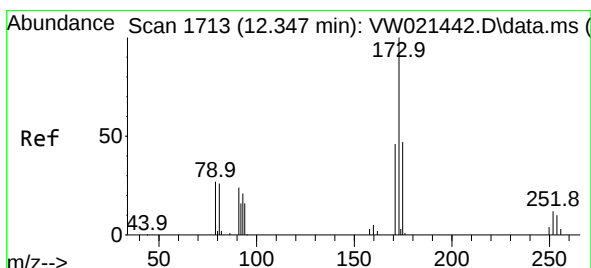
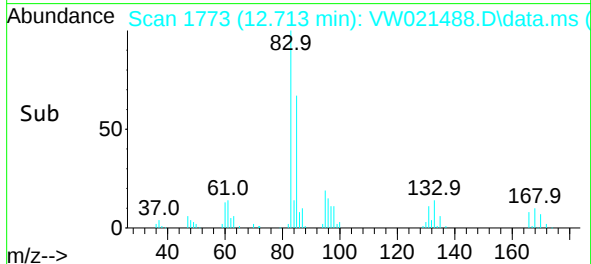
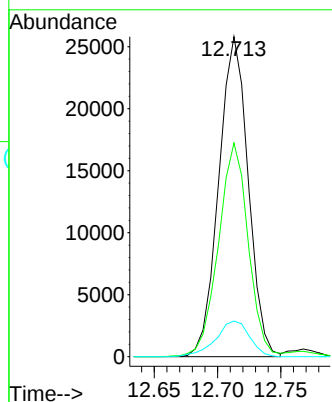
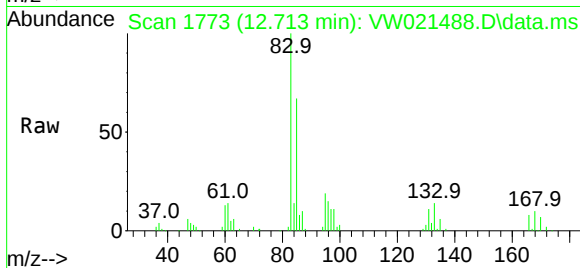
Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 41763
Ion Ratio	Lower Upper
83 100	
85 66.8	44.0 81.6
131 11.1	6.9 10.3#



#59

Bromoform

Concen: 34.293 ug/L

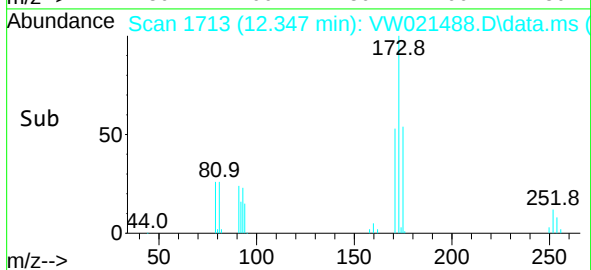
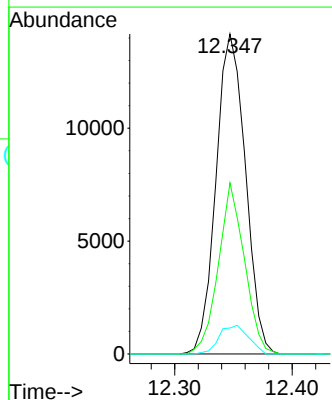
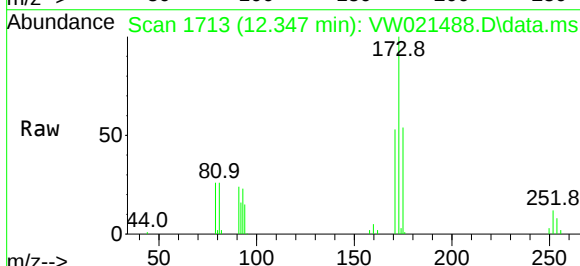
RT: 12.347 min Scan# 1713

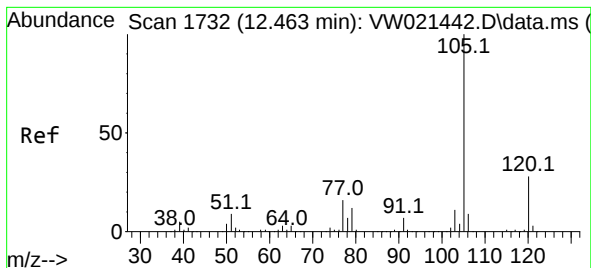
Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Tgt Ion: 173	Resp: 24643
Ion Ratio	Lower Upper
173 100	
175 47.5	39.6 59.4
254 8.9	7.4 11.0





#60

Isopropylbenzene

Concen: 26.613 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

ClientSampleId :

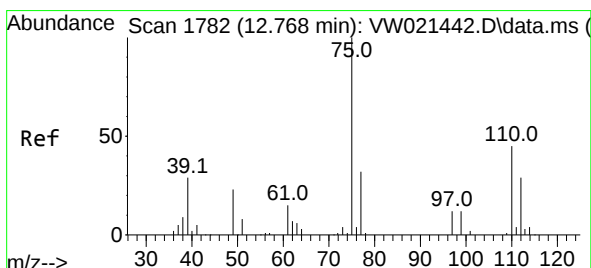
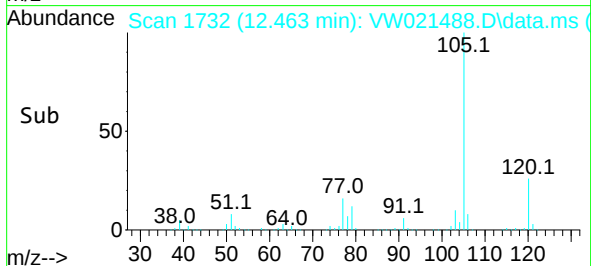
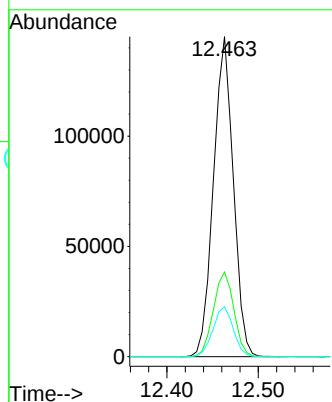
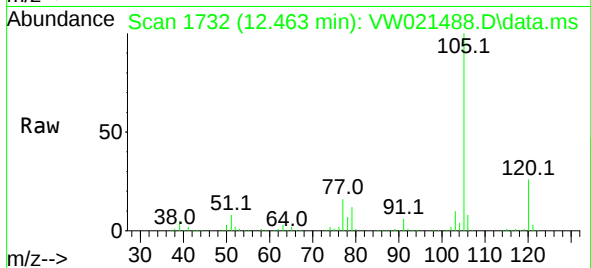
Tgt Ion:105 Resp: 218403

Ion Ratio Lower Upper

105 100

120 27.3 20.1 30.1

77 16.0 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 36.305 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

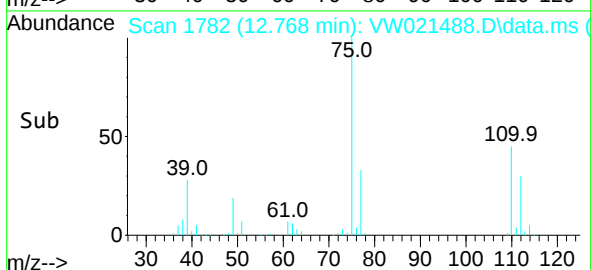
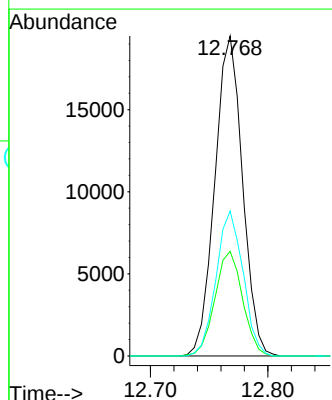
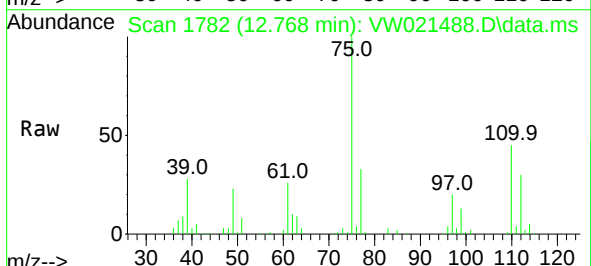
Tgt Ion: 75 Resp: 31911

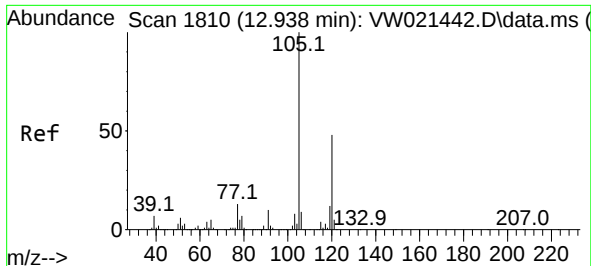
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

110 44.2 29.0 43.4#

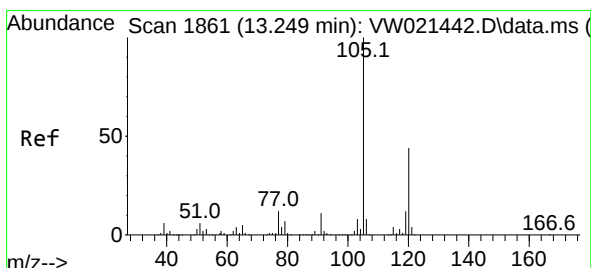
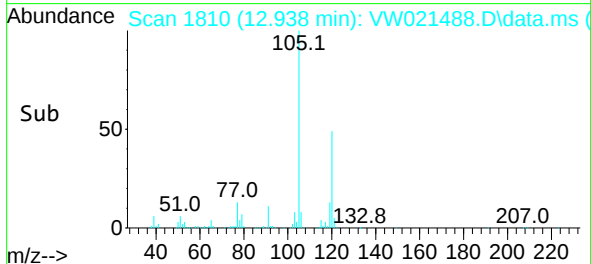
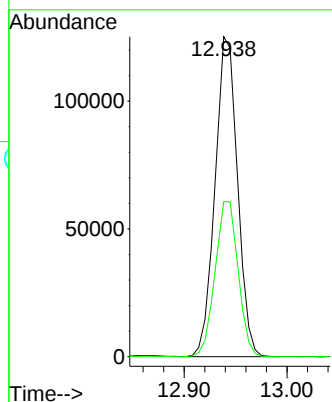
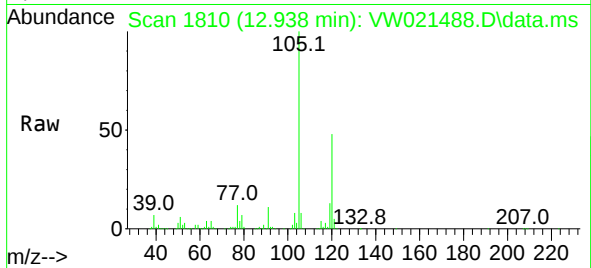




#62
 1,3,5-Trimethylbenzene
 Concen: 27.234 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW021488.D
 Acq: 18 Dec 2021 20:18

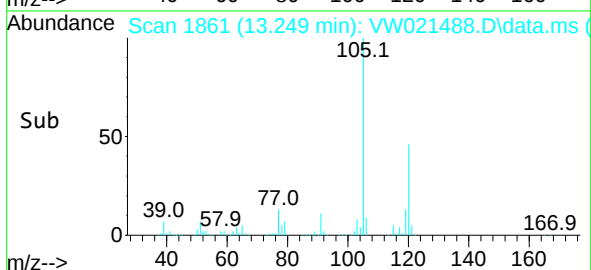
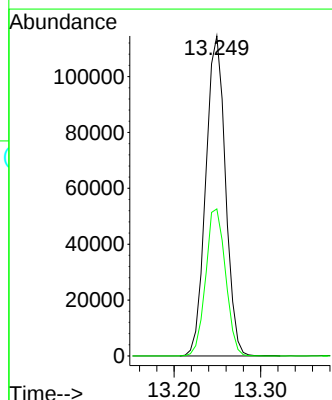
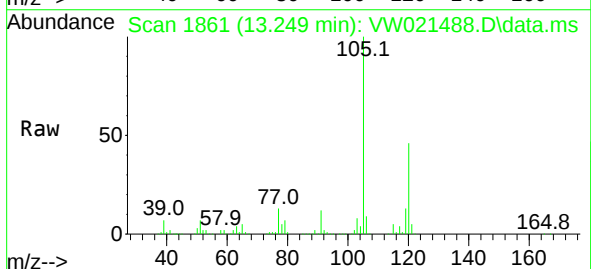
Instrument :
 MSVOA_W
 ClientSampleId :

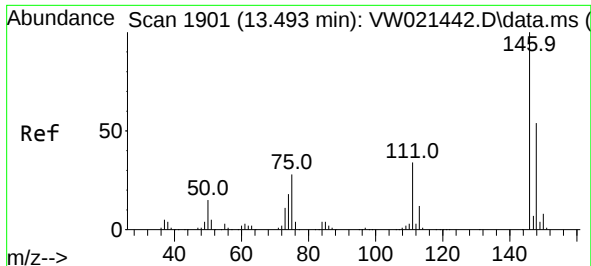
Tgt Ion:105 Resp: 190183
 Ion Ratio Lower Upper
 105 100
 120 49.6 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 26.185 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021488.D
 Acq: 18 Dec 2021 20:18

Tgt Ion:105 Resp: 180383
 Ion Ratio Lower Upper
 105 100
 120 46.4 35.0 52.6

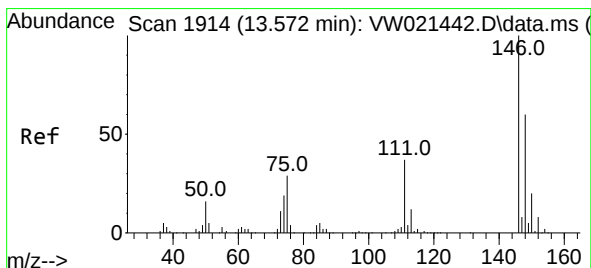
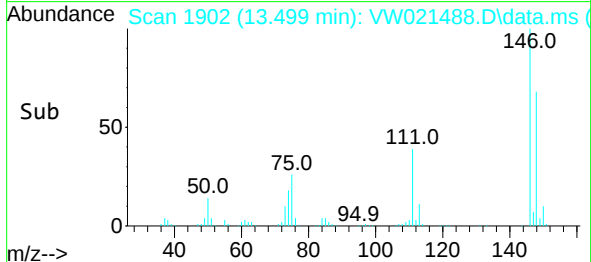
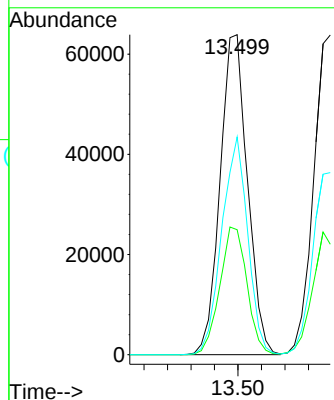
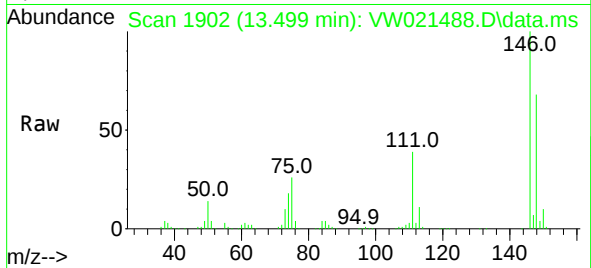




#64
1,3-Dichlorobenzene
Concen: 26.714 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

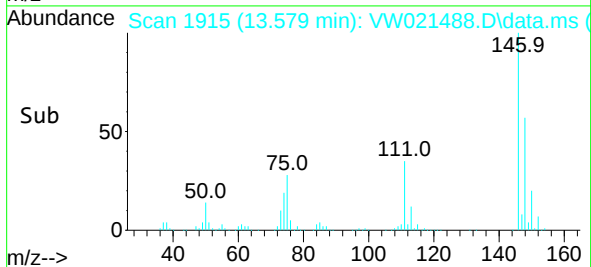
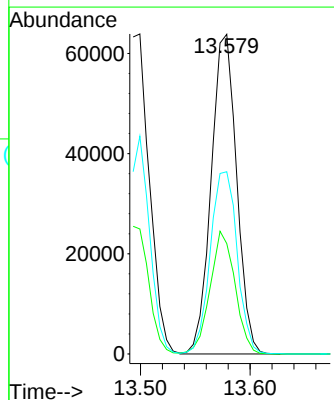
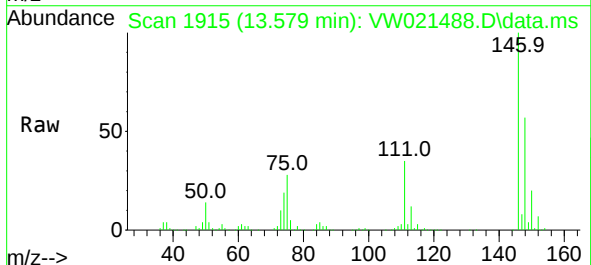
Instrument :
MSVOA_W
ClientSampleId :

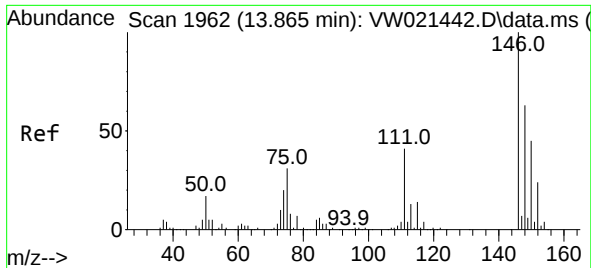
Tgt Ion:146 Resp: 103406
Ion Ratio Lower Upper
146 100
111 39.1 29.8 55.3
148 68.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 26.855 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion:146 Resp: 103281
Ion Ratio Lower Upper
146 100
111 34.5 29.0 53.9
148 57.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.764 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

ClientSampleId :

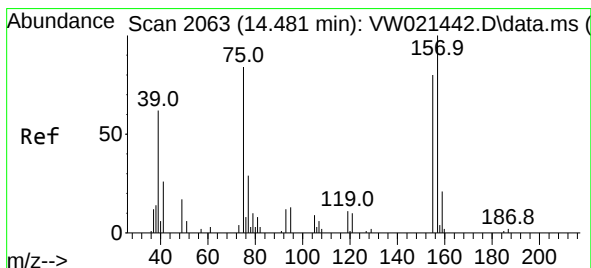
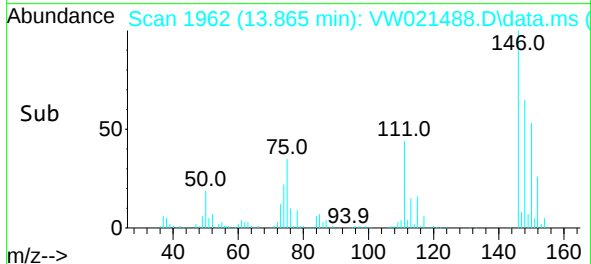
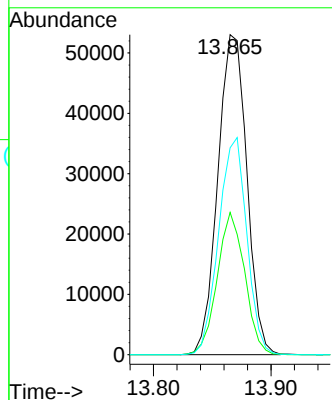
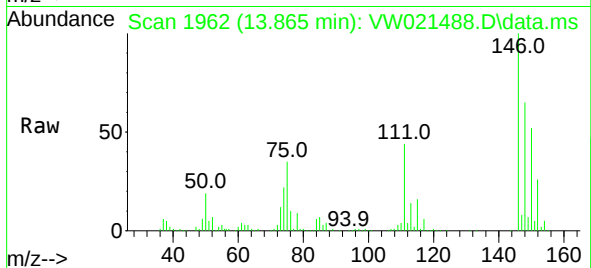
Tgt Ion:146 Resp: 91206

Ion Ratio Lower Upper

146 100

111 44.5 33.1 49.7

148 64.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 40.347 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

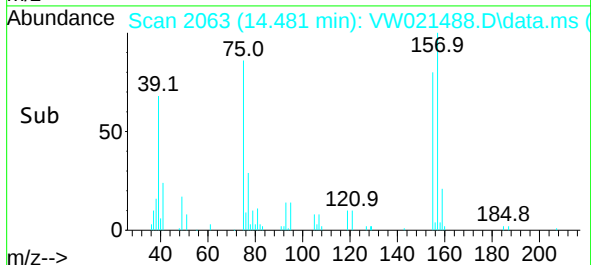
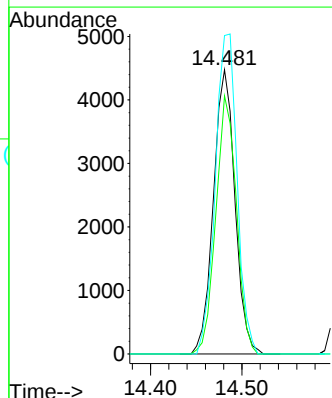
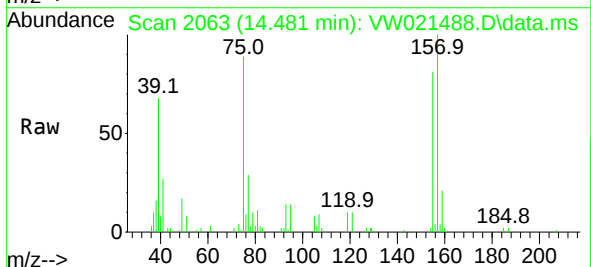
Tgt Ion: 75 Resp: 7315

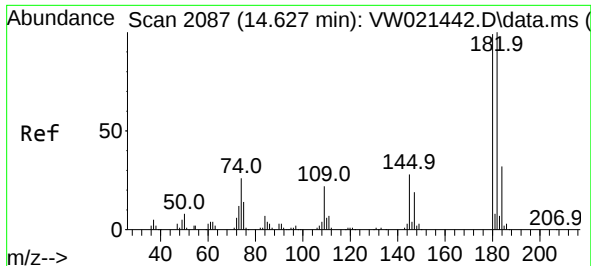
Ion Ratio Lower Upper

75 100

155 90.8 54.2 81.2#

157 112.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 26.878 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

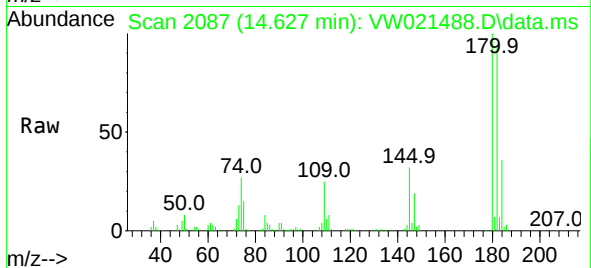
Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 77762

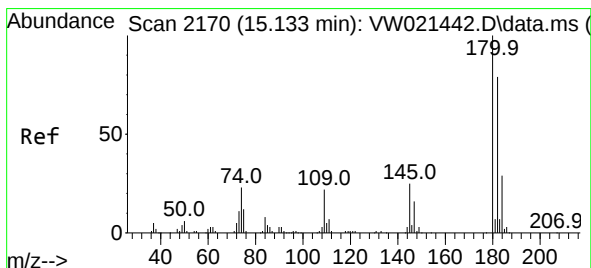
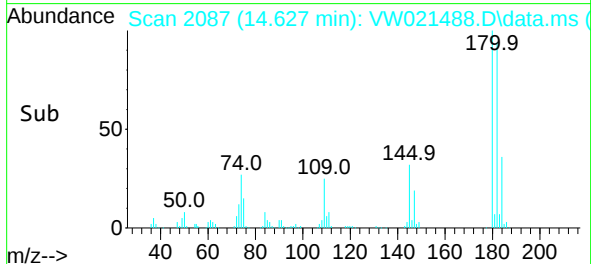
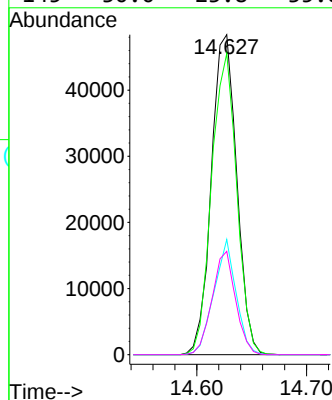
Ion Ratio Lower Upper

180 100

182 93.1 75.4 113.0

184 31.6 23.8 35.8

145 30.0 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 25.955 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021488.D

Acq: 18 Dec 2021 20:18

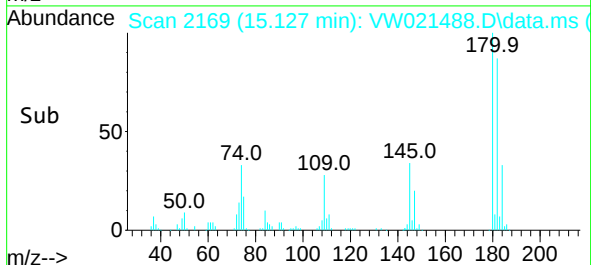
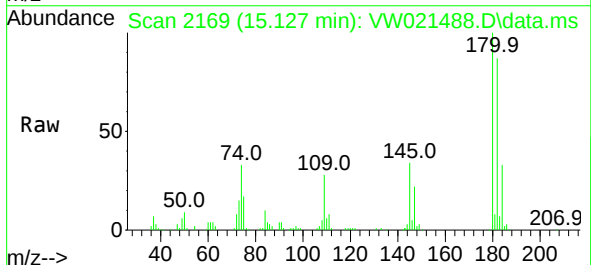
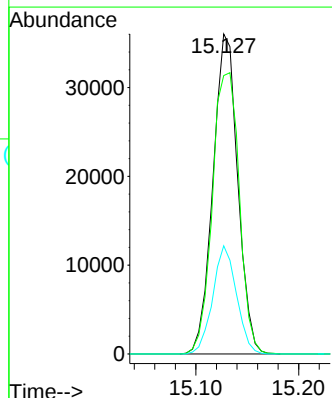
Tgt Ion:180 Resp: 60397

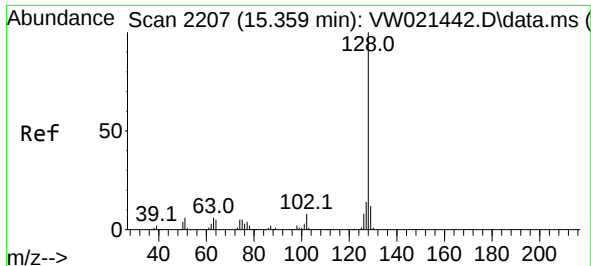
Ion Ratio Lower Upper

180 100

182 95.4 79.0 118.6

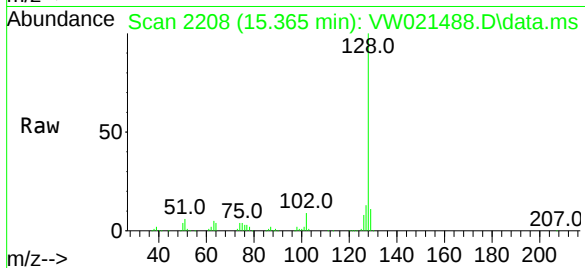
145 32.4 26.0 39.0



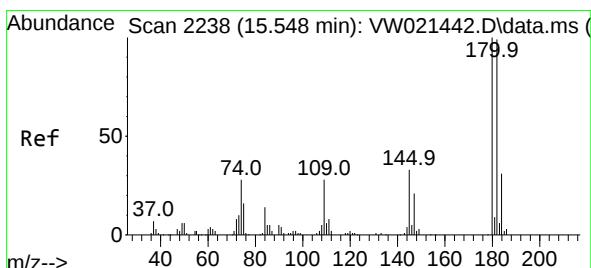
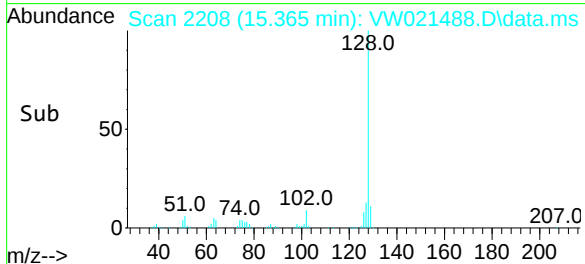
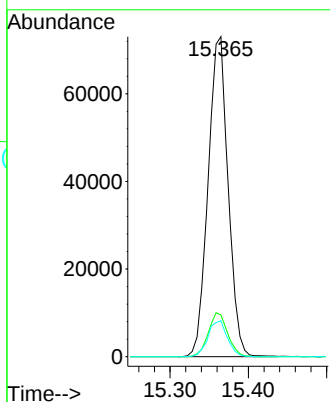


#71
Naphthalene
Concen: 34.263 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 129536
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 28.900 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021488.D
Acq: 18 Dec 2021 20:18

Tgt Ion:180 Resp: 55579
Ion Ratio Lower Upper
180 100
182 92.2 76.6 114.8
145 32.1 27.4 41.0

