

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020792.D
 Acq On : 05 Nov 2021 20:25
 Operator : SY/VA
 Sample : M4464-14
 Misc : 6.38g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:55:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	45371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	42328	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	22646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	11405	26.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.960%
7) Chloroethane-d5	2.885	69	7924	32.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.160%
11) 1,1-Dichloroethene-d2	4.013	63	18042	20.150	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.600%
21) 2-Butanone-d5	7.080	46	6794	47.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.920%
24) Chloroform-d	7.653	84	23008	22.823	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.280%
26) 1,2-Dichloroethane-d4	8.305	65	13408	24.983	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.920%
32) Benzene-d6	8.275	84	45469	23.776	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.275	67	13714	23.162	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	10.323	98	45618	24.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	10.579	79	6800	23.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.600%
47) 2-Hexanone-d5	10.921	63	6102	50.934	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	11822	24.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	17370	24.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.640%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	1710	2.807	ug/L #	51
12) 1,1-Dichloroethene	4.032	96	897	1.545	ug/L #	1
13) Acetone	4.129	43	2465	18.936	ug/L	76
19) 1,1-Dichloroethane	6.220	63	2019	1.889	ug/L #	95
20) cis-1,2-Dichloroethene	7.171	96	55163	84.809	ug/L	87
30) 1,1,1-Trichloroethane	7.872	97	105299	104.682	ug/L	94
31) Carbon tetrachloride	7.866	117	13802	14.419	ug/L	100
34) Trichloroethene	9.092	95	143744	213.026	ug/L	88
35) Methylcyclohexane	9.275	83	3414	2.899	ug/L #	15
37) 1,2-Dichloropropane	9.268	63	956	1.593	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	611	0.626	ug/L #	81
42) Toluene	10.390	91	27363	10.038	ug/L	97
46) Tetrachloroethene	10.860	164	1789	2.956	ug/L	90
48) 2-Hexanone	10.927	43	942	3.289	ug/L #	59
49) Dibromochloromethane	10.860	129	1445	2.376	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	2782	7.434	ug/L #	69

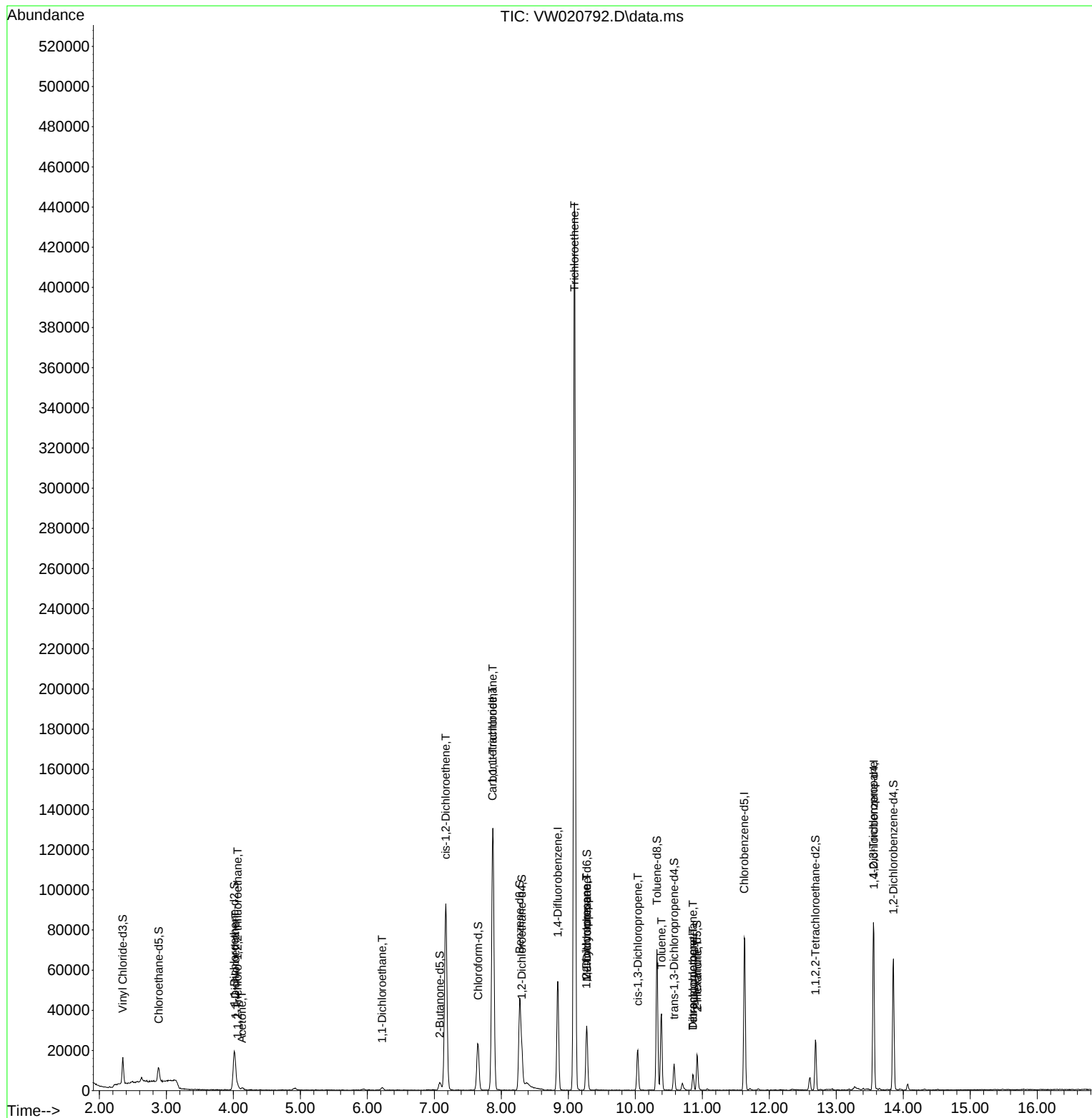
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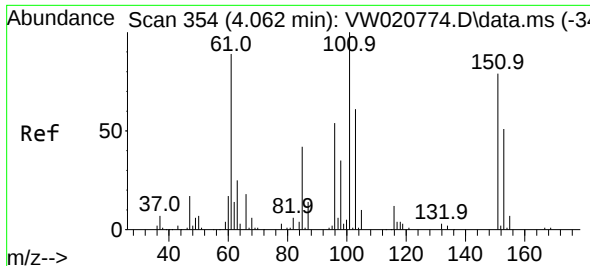
Instrument :
MSVOA_W
ClientSampleId :

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Quant Title : SFAM01.0
QLast Update : Mon Nov 08 04:38:07 2021
Response via : Initial Calibration

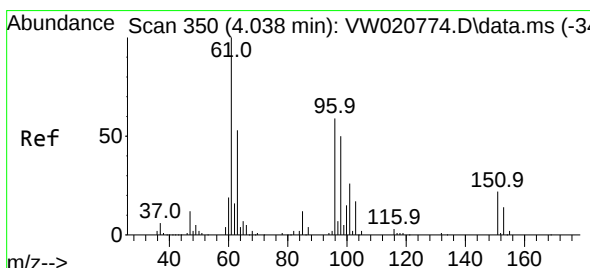
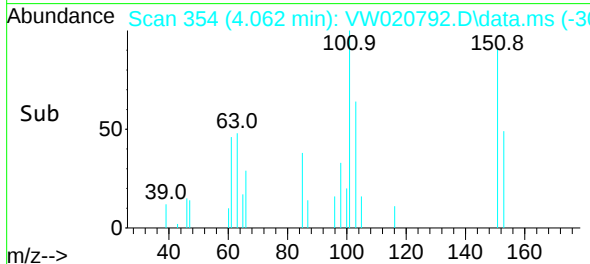
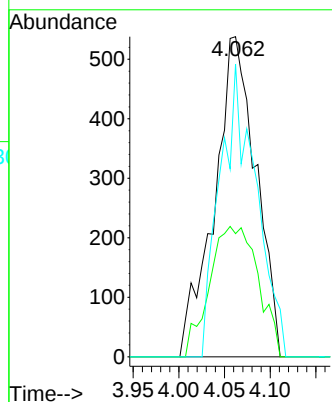
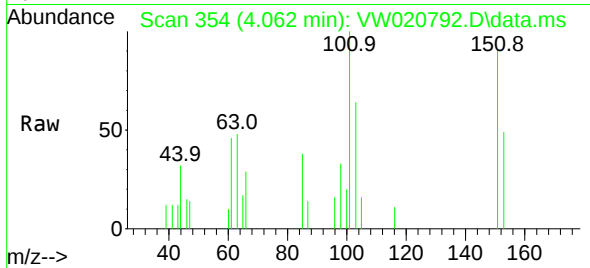




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.807 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW020792.D
 Acq: 05 Nov 2021 20:25

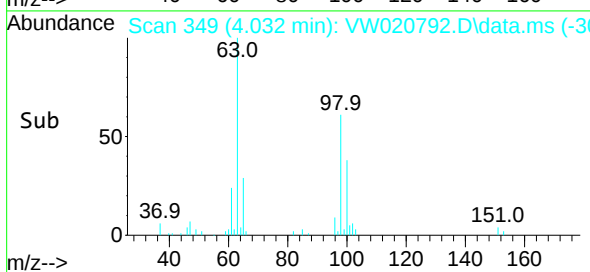
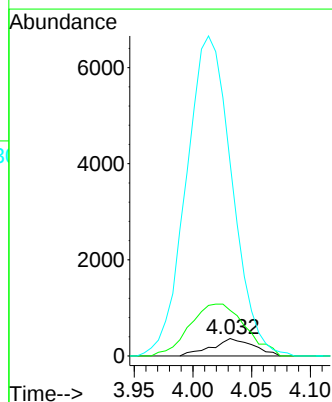
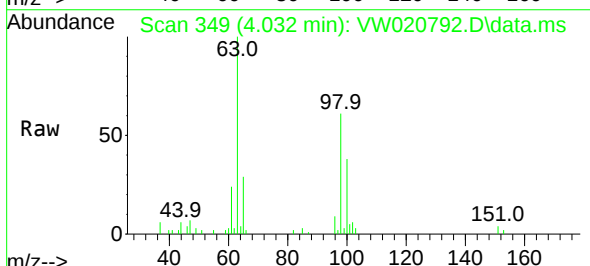
Instrument :
 MSVOA_W
 ClientSampleId :

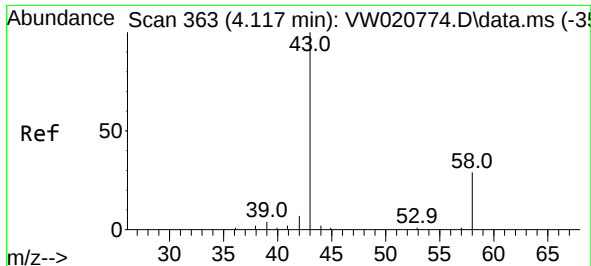
Tgt Ion:101 Resp: 1710
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.6 54.8
 151 5.7 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 1.545 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW020792.D
 Acq: 05 Nov 2021 20:25

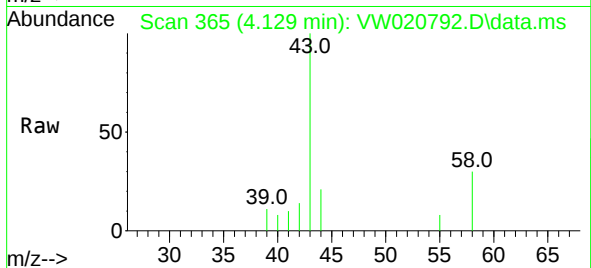
Tgt Ion: 96 Resp: 897
 Ion Ratio Lower Upper
 96 100
 61 261.4 138.3 256.9#
 63 1106.3 82.6 153.4#



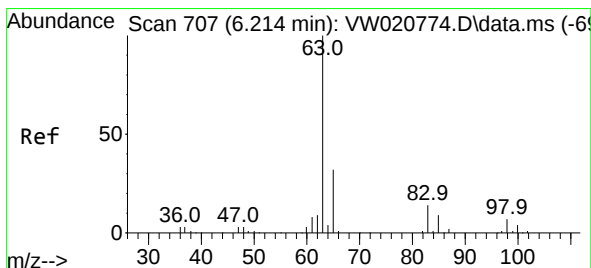
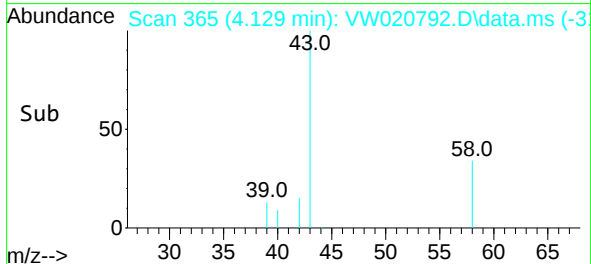
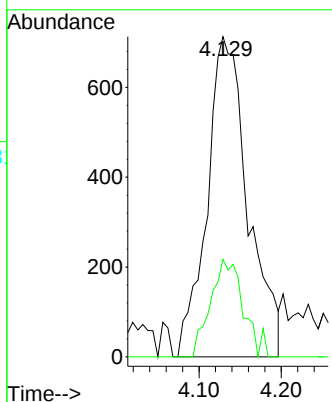


#13
Acetone
Concen: 18.936 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

Instrument :
MSVOA_W
ClientSampleId :

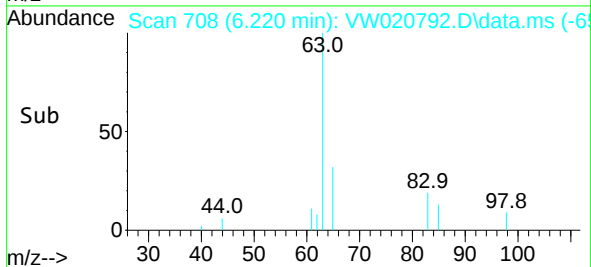
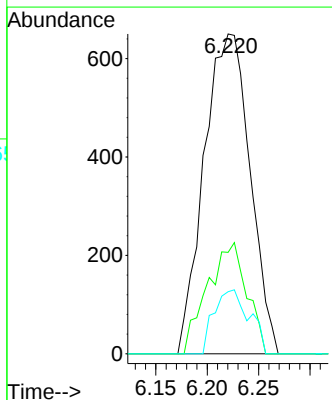
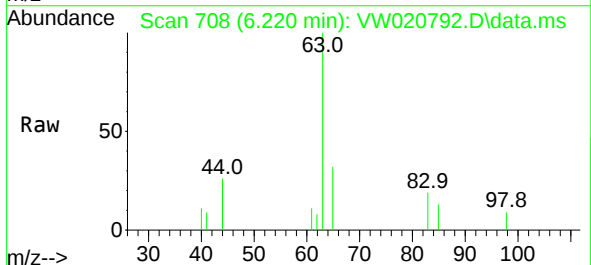


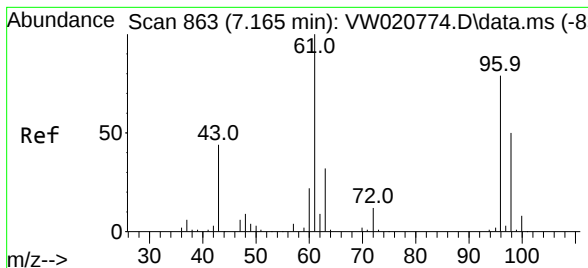
Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
58 14.1 0.0 52.8



#19
1,1-Dichloroethane
Concen: 1.889 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

Tgt Ion: 63 Resp: 2019
Ion Ratio Lower Upper
63 100
65 31.7 22.1 41.1
83 19.4 9.2 17.2#





#20

cis-1,2-Dichloroethene

Concen: 84.809 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020792.D

Acq: 05 Nov 2021 20:25

Instrument :

MSVOA_W

ClientSampleId :

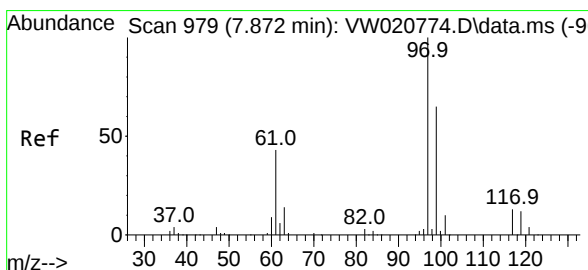
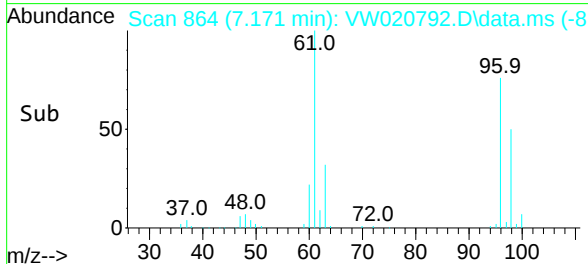
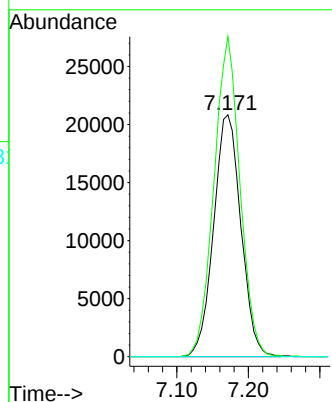
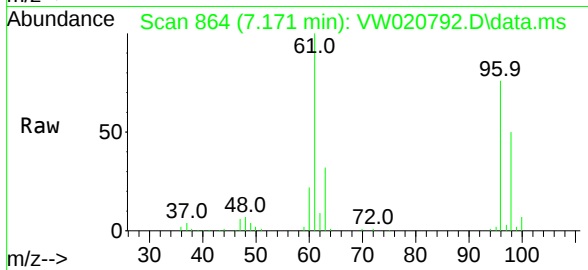
Tgt Ion: 96 Resp: 55163

Ion Ratio Lower Upper

96 100

61 132.2 103.7 192.7

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 104.682 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW020792.D

Acq: 05 Nov 2021 20:25

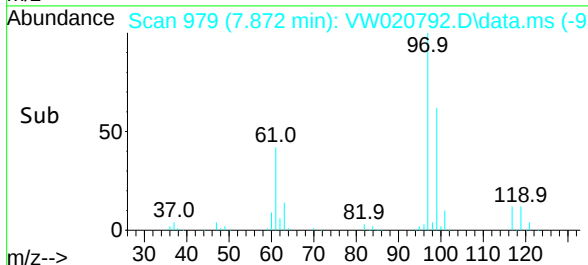
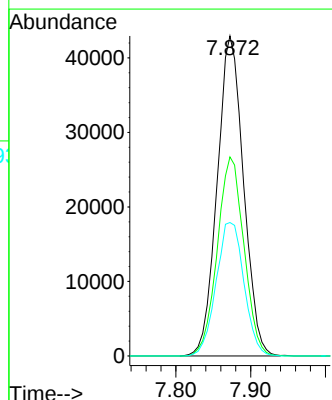
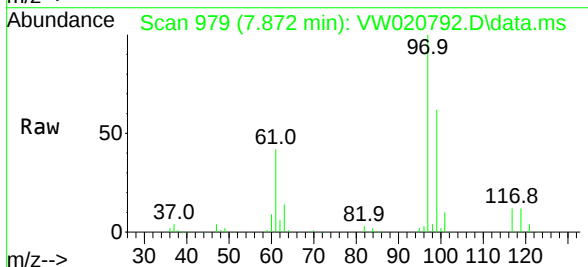
Tgt Ion: 97 Resp: 105299

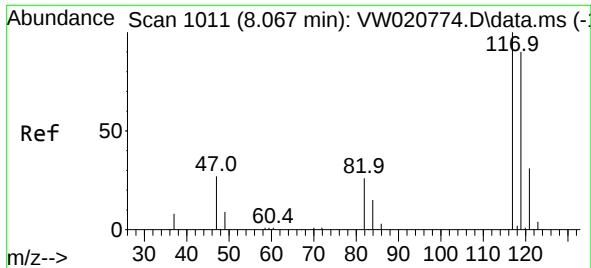
Ion Ratio Lower Upper

97 100

99 62.8 51.6 77.4

61 44.0 40.9 61.3

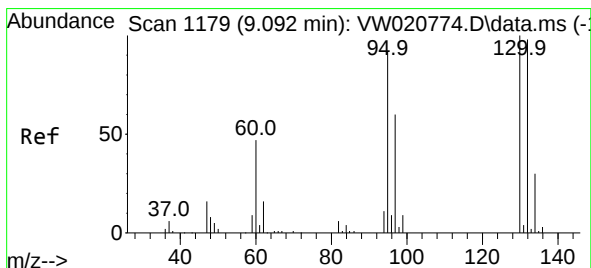
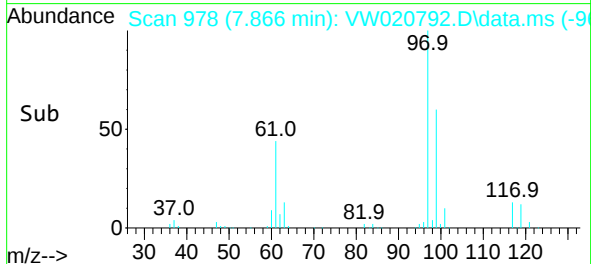
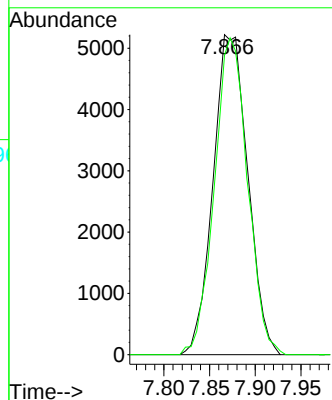
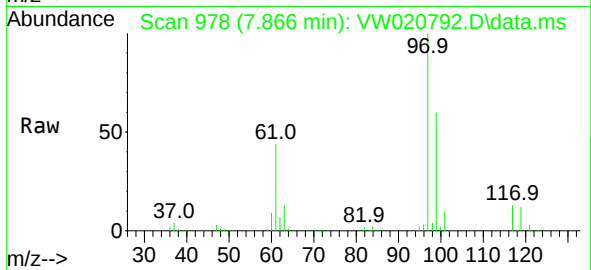




#31
Carbon tetrachloride
Concen: 14.419 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.201 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

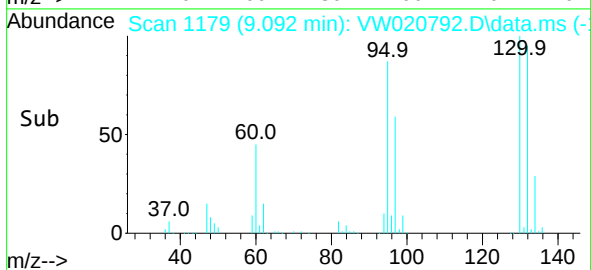
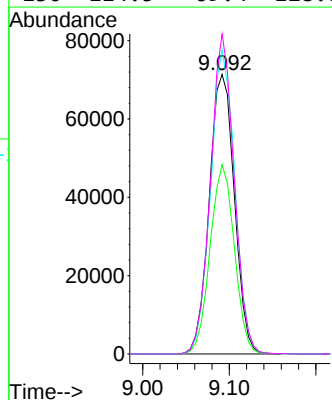
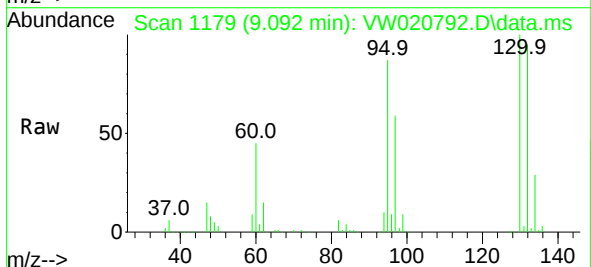
Instrument :
MSVOA_W
ClientSampleId :

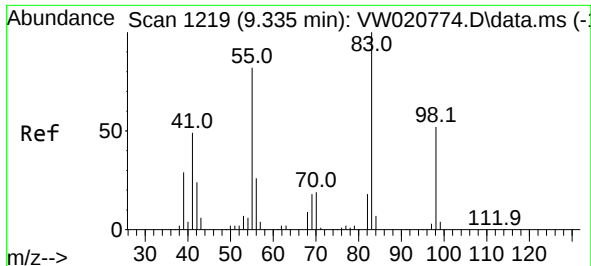
Tgt Ion:117 Resp: 13802
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5



#34
Trichloroethene
Concen: 213.026 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

Tgt Ion: 95 Resp: 143744
Ion Ratio Lower Upper
95 100
97 67.8 47.0 87.2
132 108.8 65.5 121.6
130 114.5 69.4 128.8

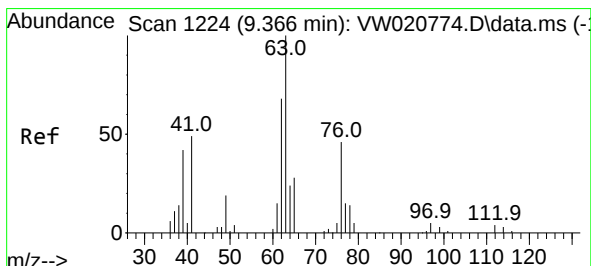
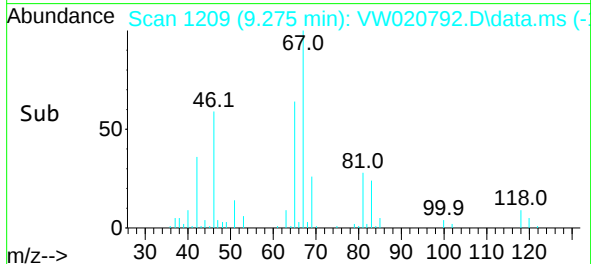
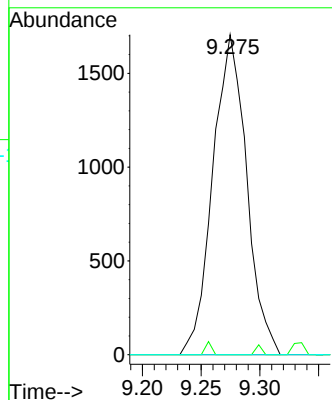
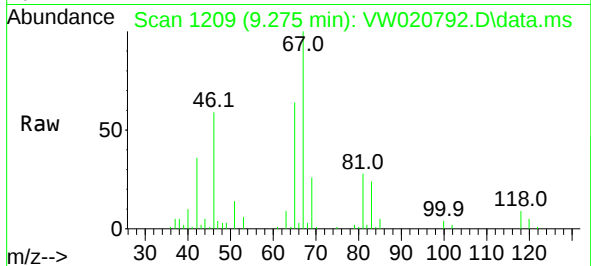




#35
Methylcyclohexane
Concen: 2.899 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

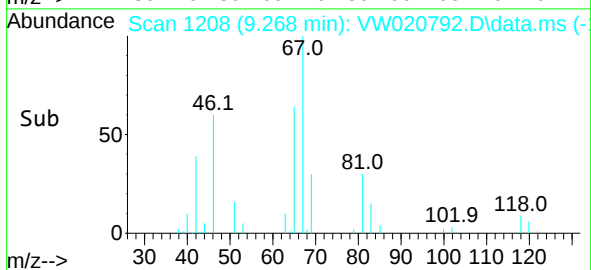
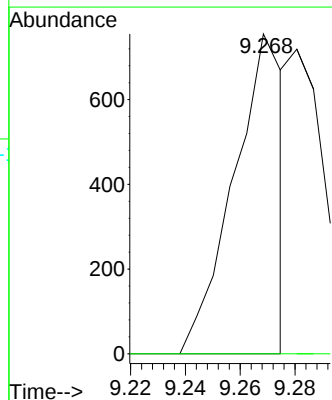
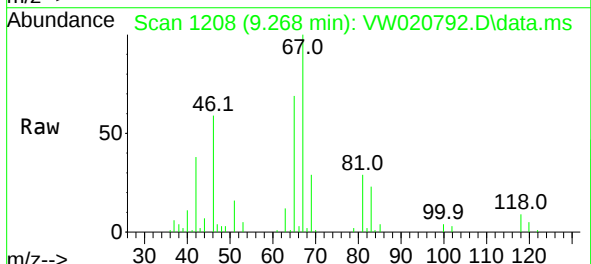
Instrument :
MSVOA_W
ClientSampleId :

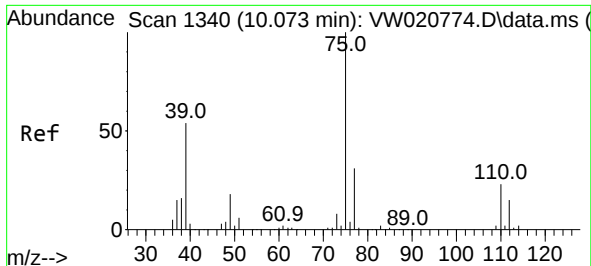
Tgt Ion: 83 Resp: 3414
Ion Ratio Lower Upper
83 100
55 1.3 70.8 106.2#
98 0.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 1.593 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.104 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

Tgt Ion: 63 Resp: 956
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW020792.D

Acq: 05 Nov 2021 20:25

Instrument :

MSVOA_W

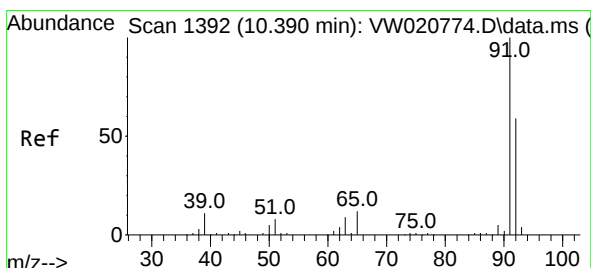
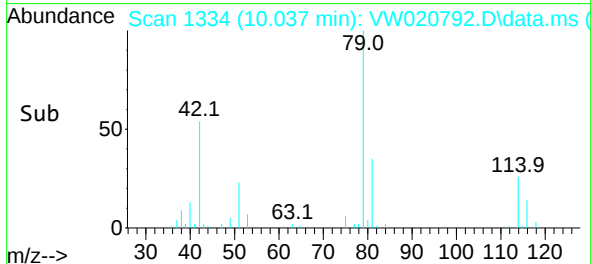
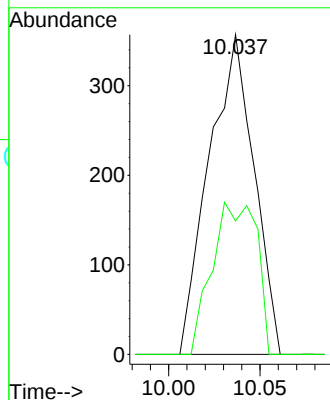
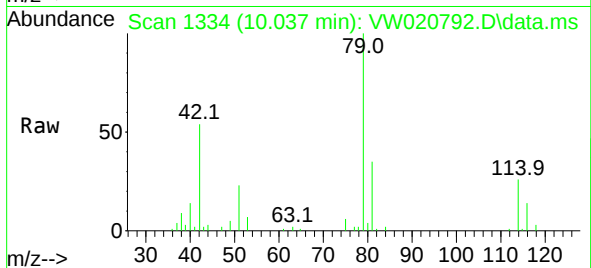
ClientSampleId :

Tgt Ion: 75 Resp: 611

Ion Ratio Lower Upper

75 100

77 41.7 21.8 40.6#



#42

Toluene

Concen: 10.038 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020792.D

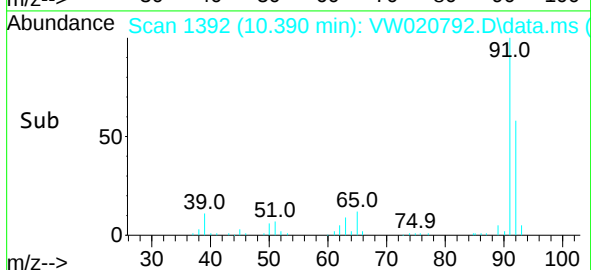
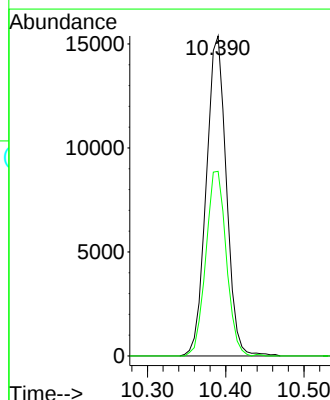
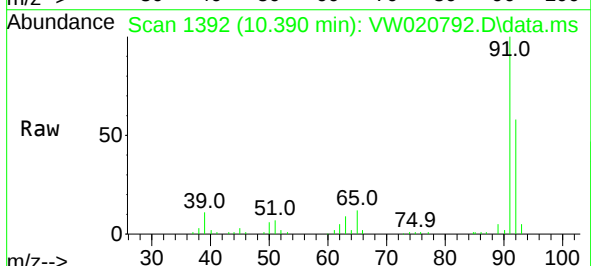
Acq: 05 Nov 2021 20:25

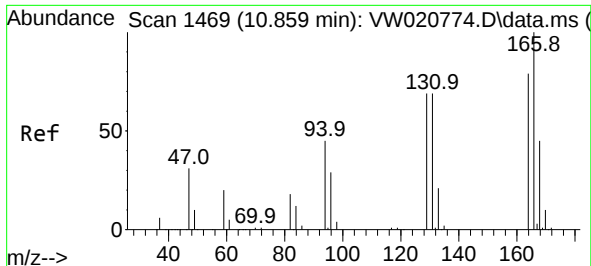
Tgt Ion: 91 Resp: 27363

Ion Ratio Lower Upper

91 100

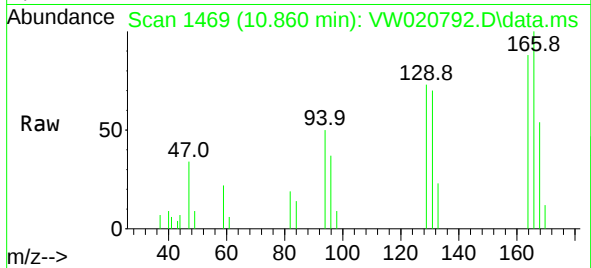
92 57.7 41.7 77.5





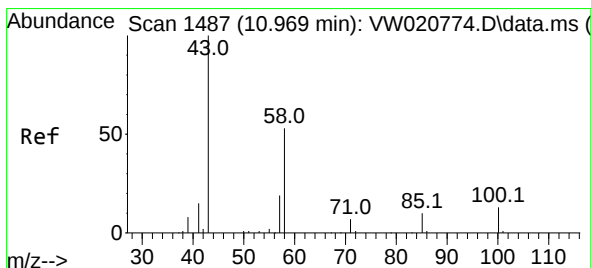
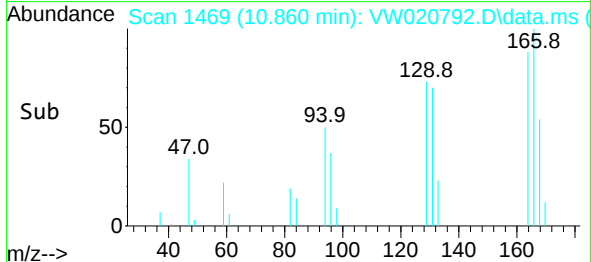
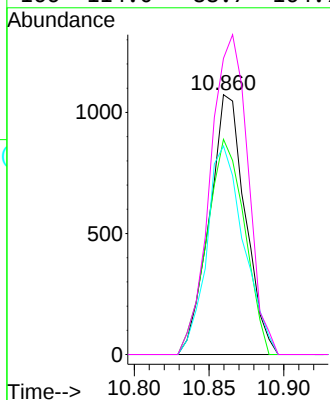
#46
Tetrachloroethene
Concen: 2.956 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 1789

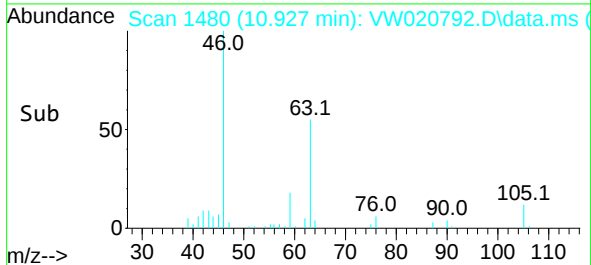
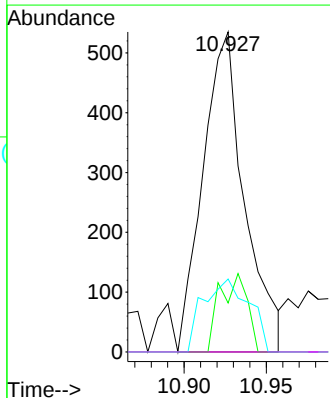
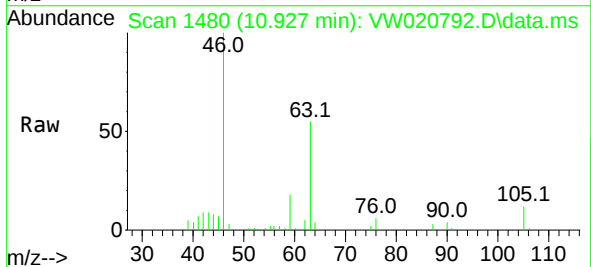
Ion	Ratio	Lower	Upper
164	100		
129	82.9	65.5	121.7
131	80.2	59.7	110.9
166	114.0	88.7	164.7

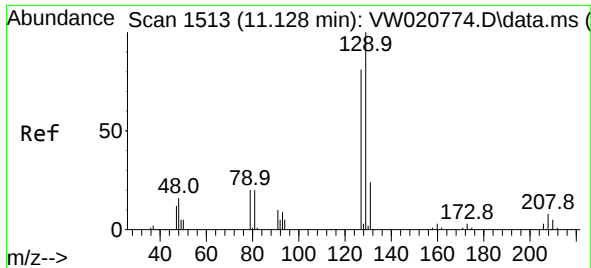


#48
2-Hexanone
Concen: 3.289 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW020792.D
Acq: 05 Nov 2021 20:25

Tgt Ion: 43 Resp: 942

Ion	Ratio	Lower	Upper
43	100		
58	16.0	40.2	60.2#
57	6.9	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 2.376 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW020792.D

Acq: 05 Nov 2021 20:25

Instrument :

MSVOA_W

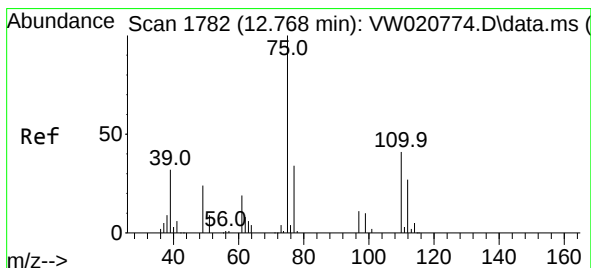
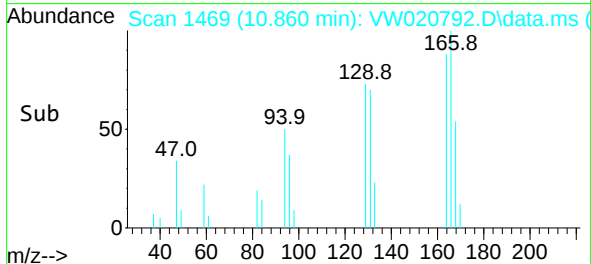
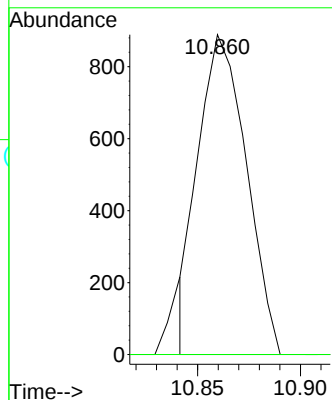
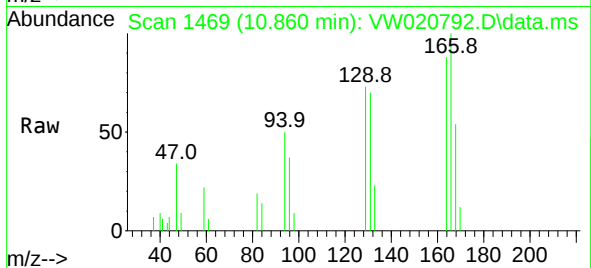
ClientSampleId :

Tgt Ion:129 Resp: 1445

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.434 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

Lab File: VW020792.D

Acq: 05 Nov 2021 20:25

Tgt Ion: 75 Resp: 2782

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

110 1.7 29.0 43.4#

