

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027645.D
 Acq On : 01 Sep 2022 03:34
 Operator : SY/MD
 Sample : N4370-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:17:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.590	114	141962	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.860	117	117310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	67789	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.558	69	57604	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.098	63	103866	3.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.950	46	63781	24.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.920%
24) Chloroform-d	4.355	84	126212	4.077	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.031	65	68998	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.037	84	236010	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.050	67	81039	5.452	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.333	98	180586	4.340	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.641	79	20261	4.425	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.117	63	70514	40.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.900%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	45192	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54848	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	2917	0.151	ug/L	95
12) 1,1-Dichloroethene	2.105	96	1135	0.096	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	18511	0.731	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	1863	0.139	ug/L	97
19) 1,1-Dichloroethane	3.179	63	1294	0.049	ug/L #	89
22) cis-1,2-Dichloroethene	3.912	96	2169	0.162	ug/L #	46
27) 1,2-Dichloroethane	5.127	62	1880	0.125	ug/L #	66
30) Cyclohexane	4.661	56	1689	0.099	ug/L #	54
34) Trichloroethene	5.879	95	50466	4.487	ug/L	97
35) Methylcyclohexane	6.050	83	19940	1.142	ug/L #	17
37) 1,2-Dichloropropane	6.050	63	9248	0.800	ug/L #	89
39) cis-1,3-Dichloropropene	7.008	75	1344	0.095	ug/L #	57
44) trans-1,3-Dichloropropene	7.641	75	1080	0.094	ug/L	84
47) Tetrachloroethene	7.989	164	1459	0.160	ug/L	75
49) Dibromochloromethane	7.992	129	1372	0.155	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5235	1.078	ug/L #	69

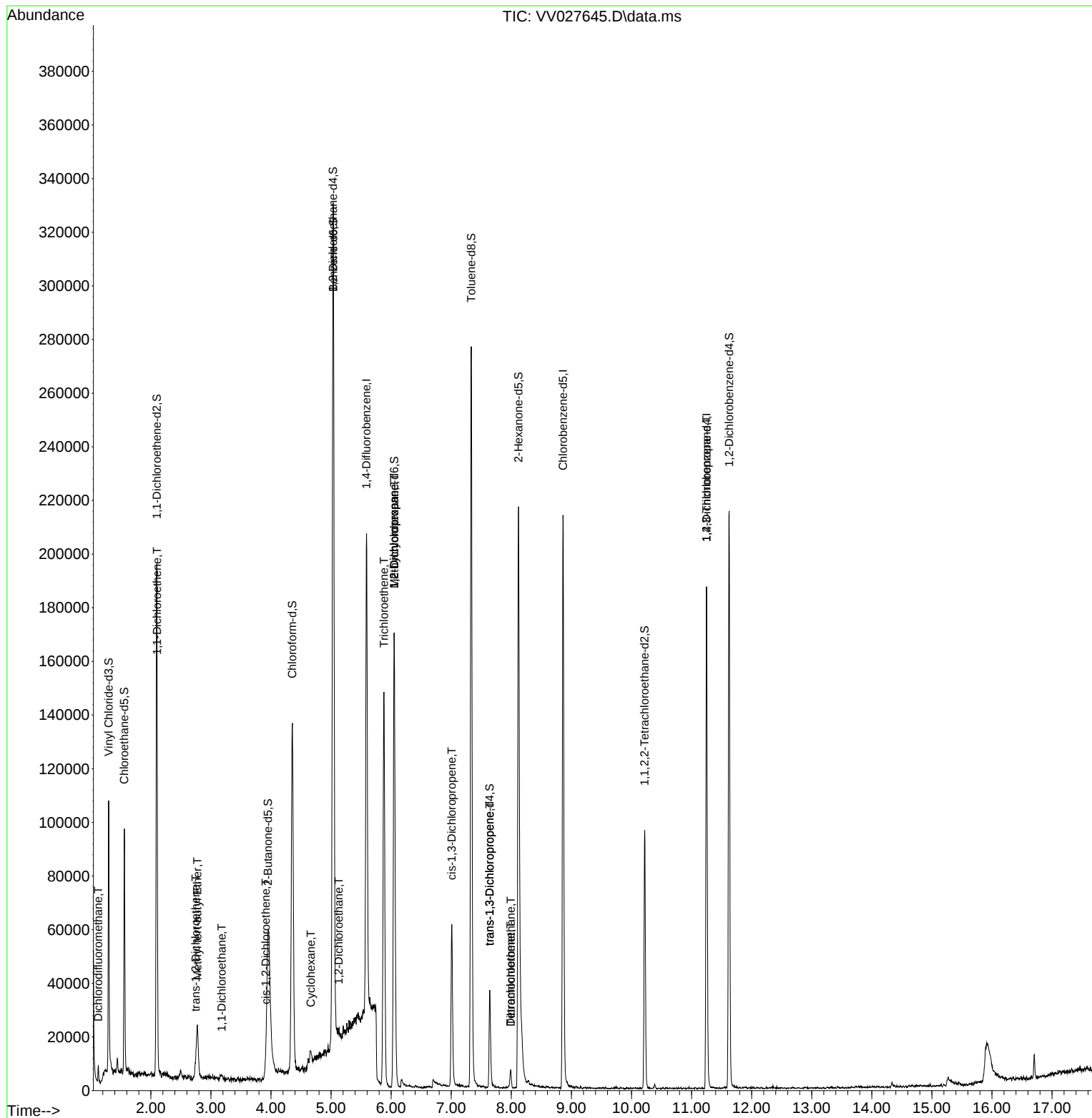
(#) = qualifier out of range (m) = manual integration (+) = signals summed

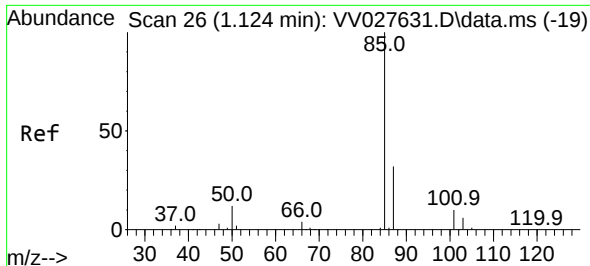
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027645.D
Acq On : 01 Sep 2022 03:34
Operator : SY/MD
Sample : N4370-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

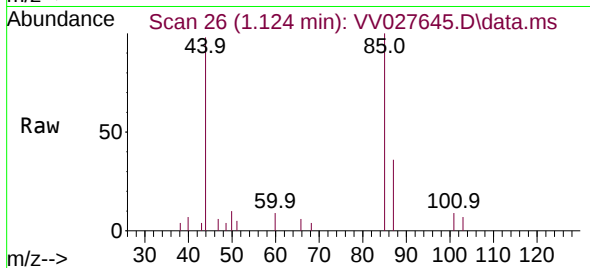
Quant Time: Sep 01 04:17:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 02:22:45 2022
Response via : Initial Calibration



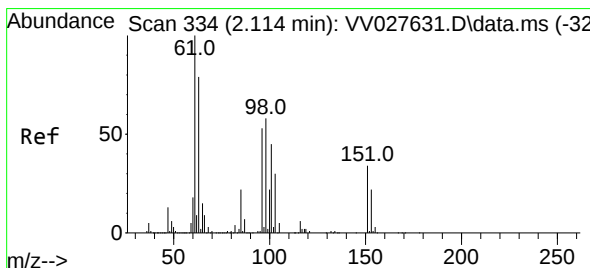
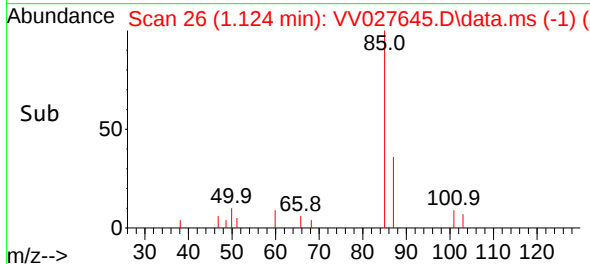
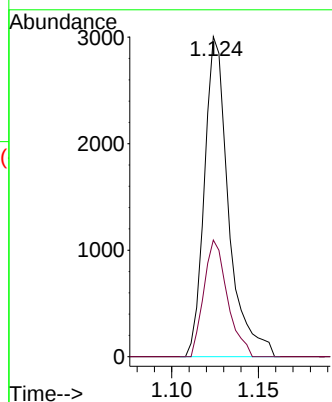


#2
 Dichlorodifluoromethane
 Concen: 0.151 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV027645.D
 Acq: 01 Sep 2022 03:34

Instrument :
 MSVOA_V
 ClientSampleId :

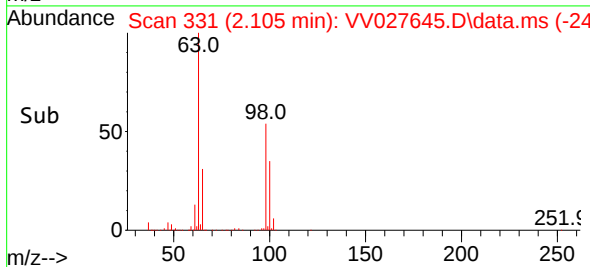
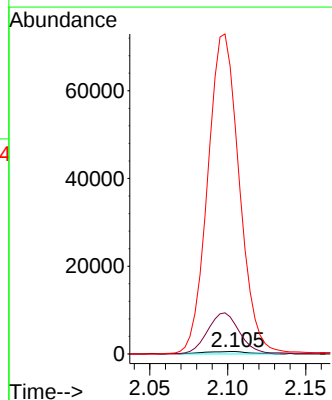
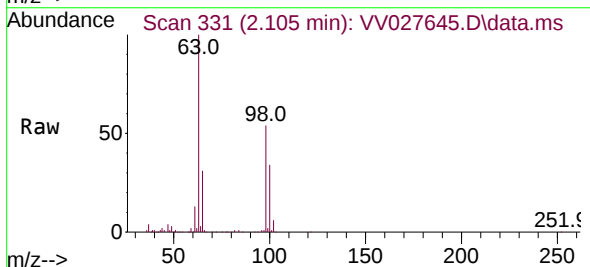


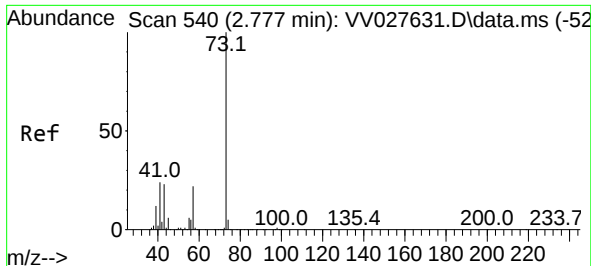
Tgt Ion: 85 Resp: 2917
 Ion Ratio Lower Upper
 85 100
 87 35.6 26.2 39.4



#12
 1,1-Dichloroethene
 Concen: 0.096 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.010 min
 Lab File: VV027645.D
 Acq: 01 Sep 2022 03:34

Tgt Ion: 96 Resp: 1135
 Ion Ratio Lower Upper
 96 100
 61 1236.6 134.3 249.3#
 63 9630.9 105.7 196.3#





#17

Methyl tert-butyl Ether

Concen: 0.731 ug/L

RT: 2.773 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

Instrument :

MSVOA_V

ClientSampleId :

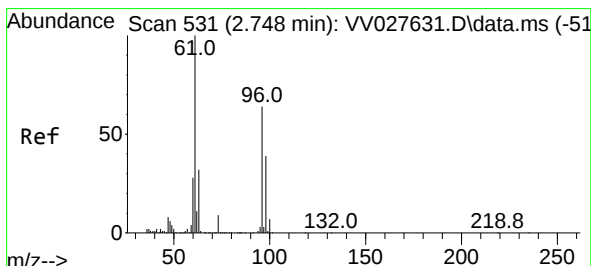
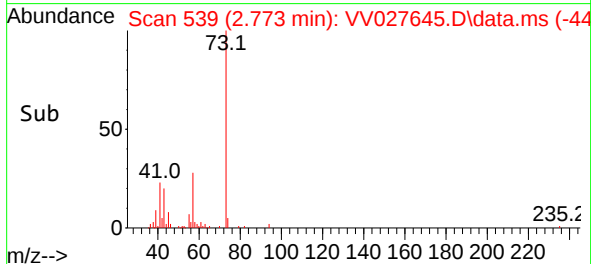
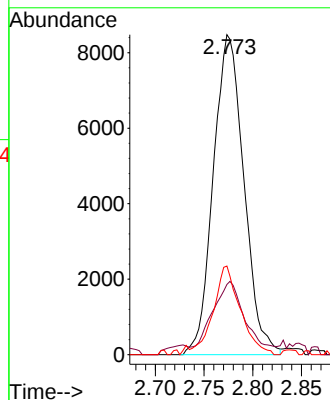
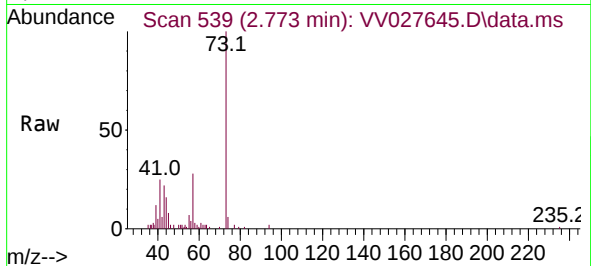
Tgt Ion: 73 Resp: 18511

Ion Ratio Lower Upper

73 100

43 20.7 16.5 24.7

57 24.5 18.2 27.2



#18

trans-1,2-Dichloroethene

Concen: 0.139 ug/L

RT: 2.748 min Scan# 531

Delta R.T. -0.000 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

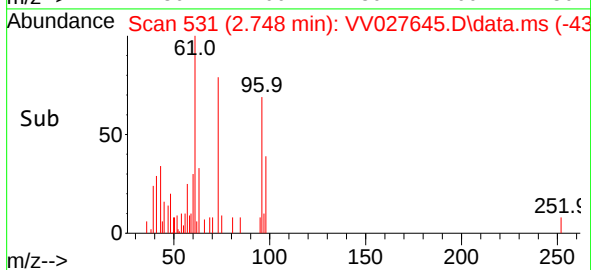
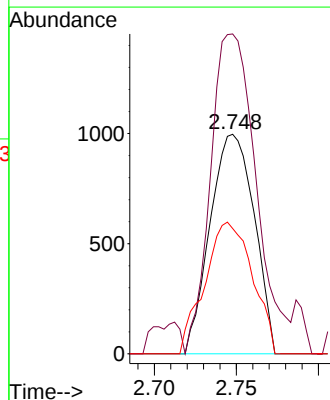
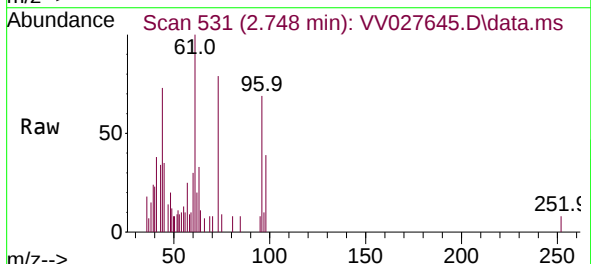
Tgt Ion: 96 Resp: 1863

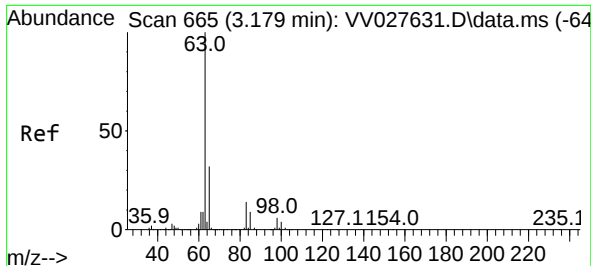
Ion Ratio Lower Upper

96 100

61 145.6 101.8 189.0

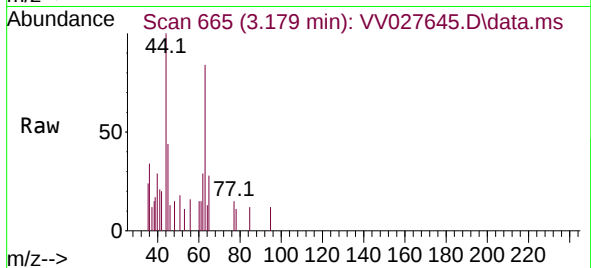
98 57.1 44.9 83.3



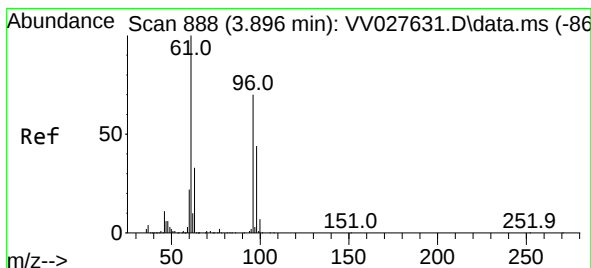
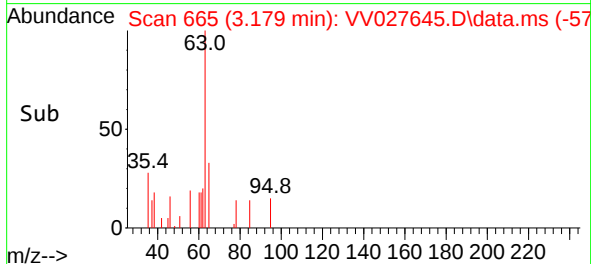
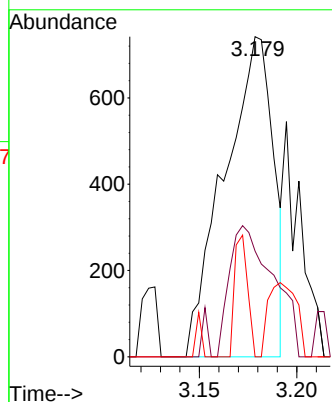


#19
1,1-Dichloroethane
Concen: 0.049 ug/L
RT: 3.179 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV027645.D
Acq: 01 Sep 2022 03:34

Instrument :
MSVOA_V
ClientSampleId :

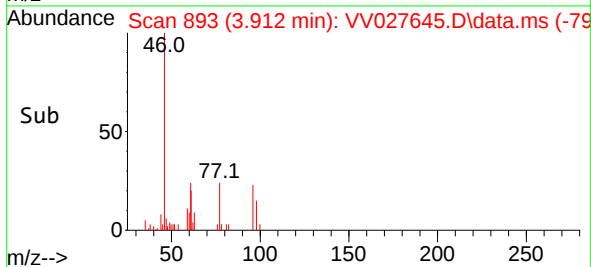
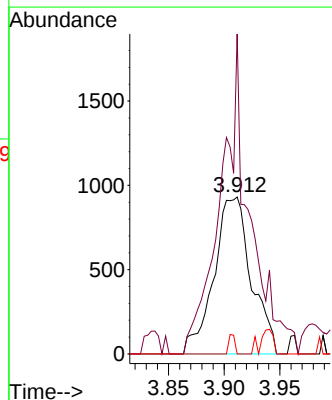
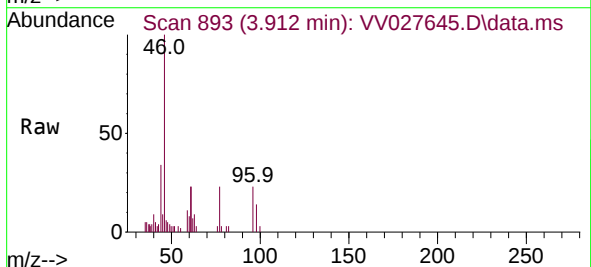


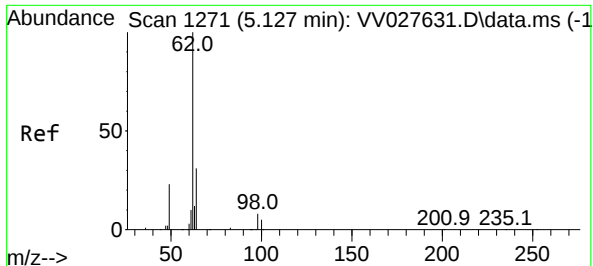
Tgt Ion: 63 Resp: 1294
Ion Ratio Lower Upper
63 100
65 33.0 22.7 42.1
83 0.0 9.7 18.1#



#22
cis-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.016 min
Lab File: VV027645.D
Acq: 01 Sep 2022 03:34

Tgt Ion: 96 Resp: 2169
Ion Ratio Lower Upper
96 100
61 203.9 96.9 180.1#
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.127 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

Instrument :

MSVOA_V

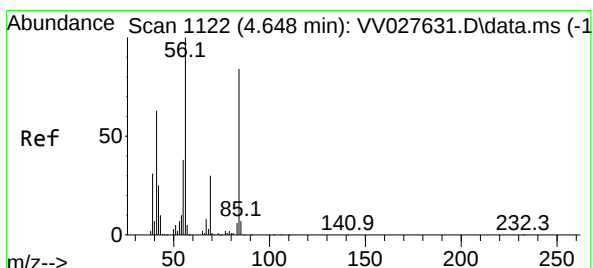
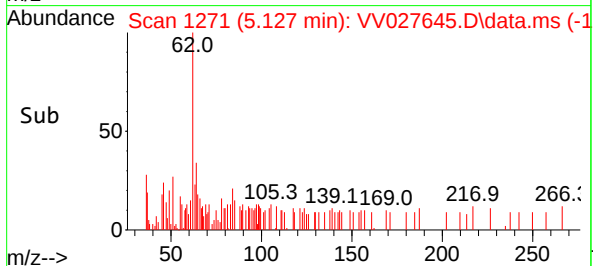
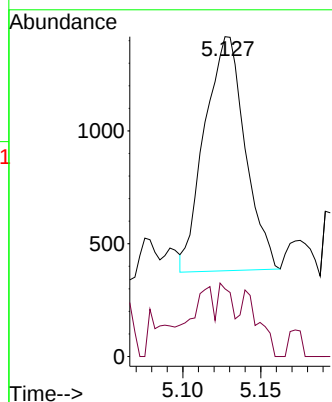
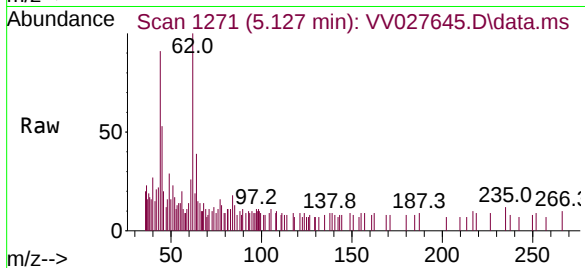
ClientSampleId :

Tgt Ion: 62 Resp: 1880

Ion Ratio Lower Upper

62 100

98 21.2 7.0 10.6#



#30

Cyclohexane

Concen: 0.099 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. 0.013 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

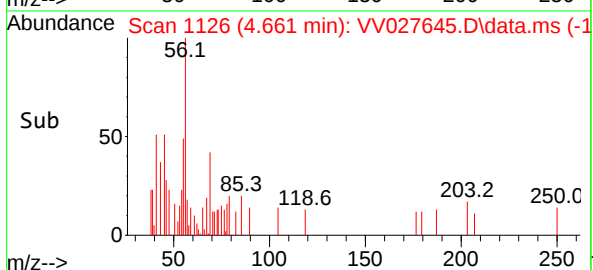
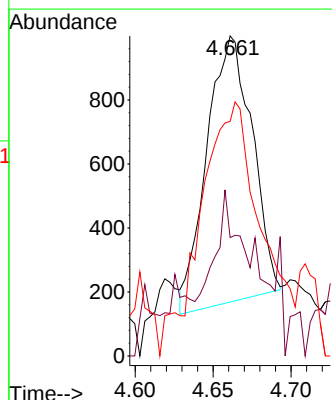
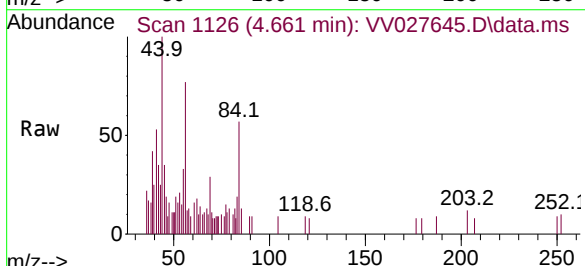
Tgt Ion: 56 Resp: 1689

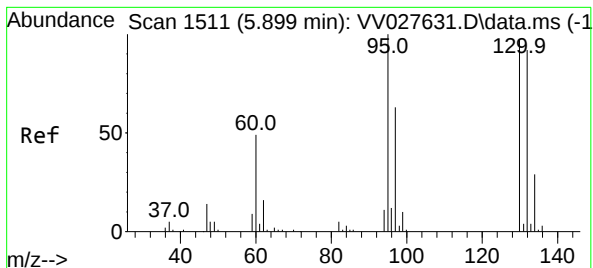
Ion Ratio Lower Upper

56 100

69 53.2 24.1 36.1#

84 126.9 66.9 100.3#





#34

Trichloroethene

Concen: 4.487 ug/L

RT: 5.879 min Scan# 1

Delta R.T. -0.019 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 50466

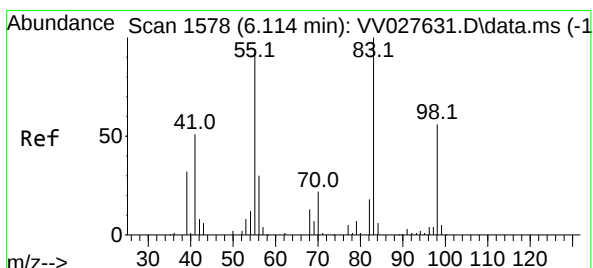
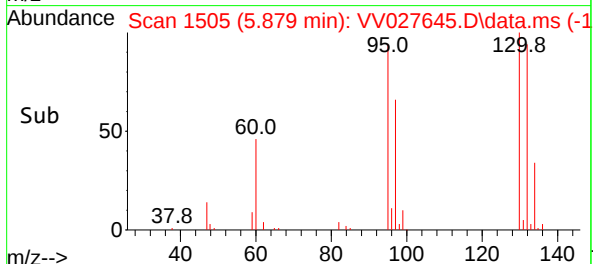
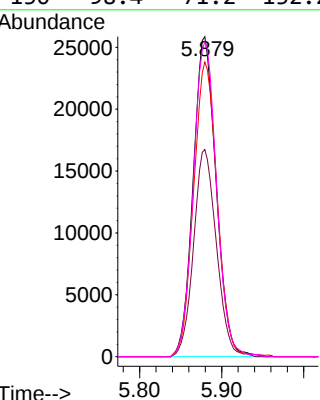
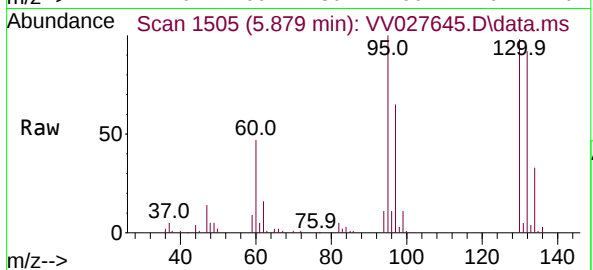
Ion Ratio Lower Upper

95 100

97 64.8 46.1 85.5

132 92.1 67.3 125.1

130 98.4 71.2 132.2



#35

Methylcyclohexane

Concen: 1.142 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.064 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

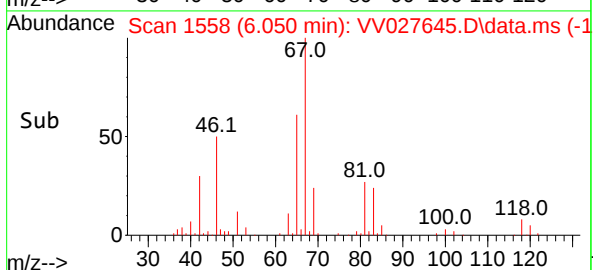
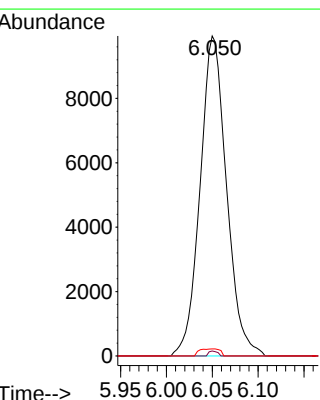
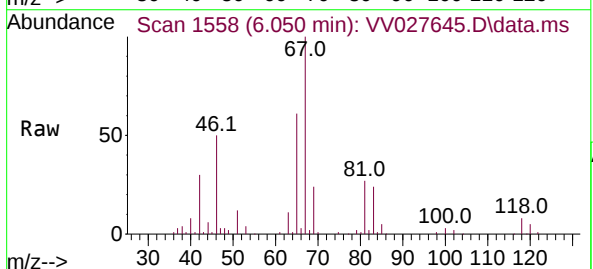
Tgt Ion: 83 Resp: 19940

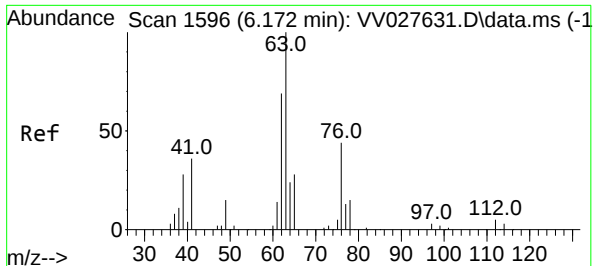
Ion Ratio Lower Upper

83 100

55 0.5 66.0 99.0#

98 1.7 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.800 ug/L

RT: 6.050 min Scan# 1

Delta R.T. -0.122 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

Instrument :

MSVOA_V

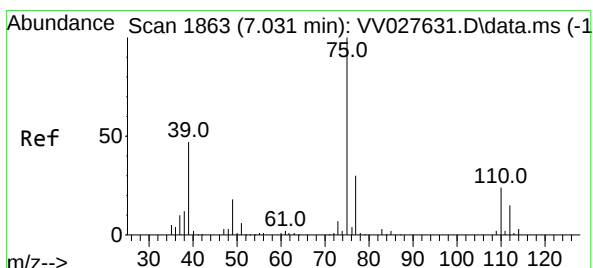
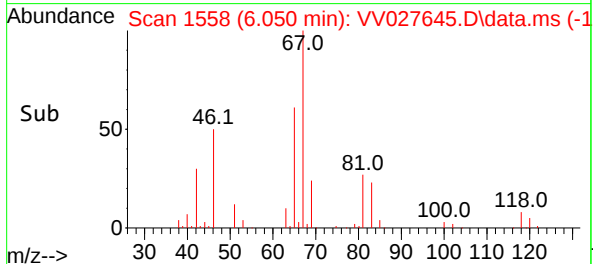
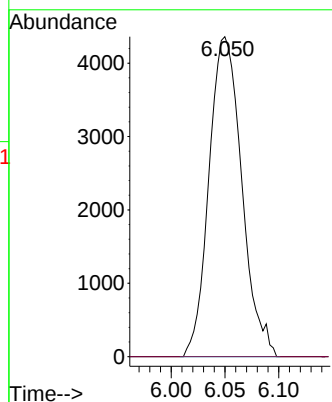
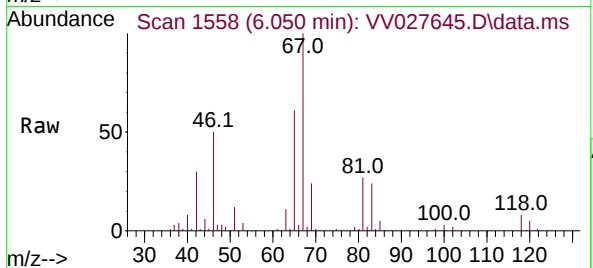
ClientSampleId :

Tgt Ion: 63 Resp: 9248

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.008 min Scan# 1856

Delta R.T. -0.023 min

Lab File: VV027645.D

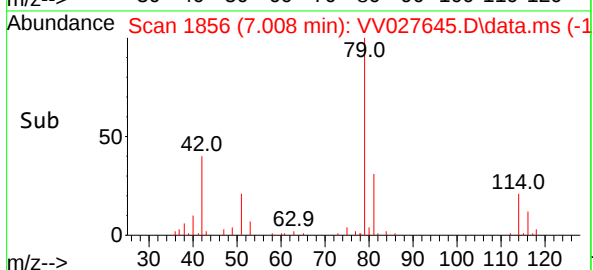
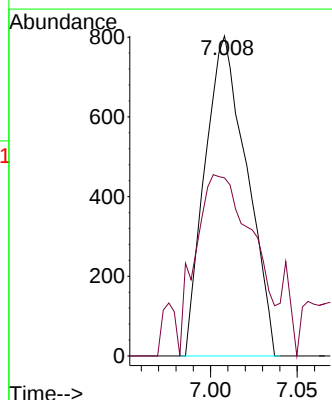
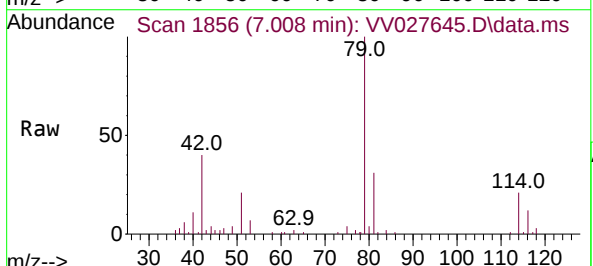
Acq: 01 Sep 2022 03:34

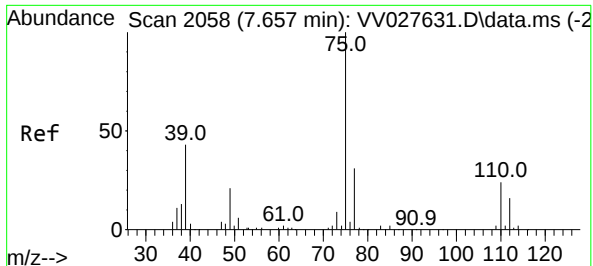
Tgt Ion: 75 Resp: 1344

Ion Ratio Lower Upper

75 100

77 55.7 22.3 41.3#

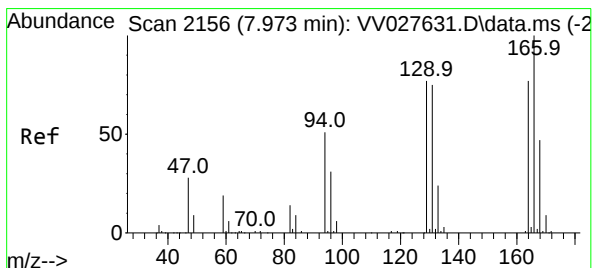
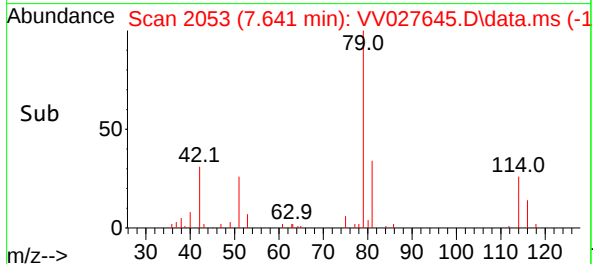
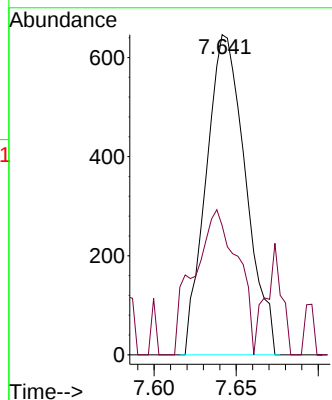
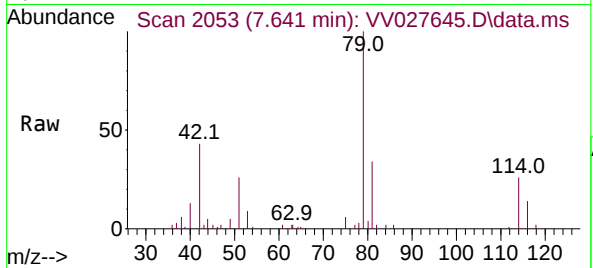




#44
trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.016 min
Lab File: VV027645.D
Acq: 01 Sep 2022 03:34

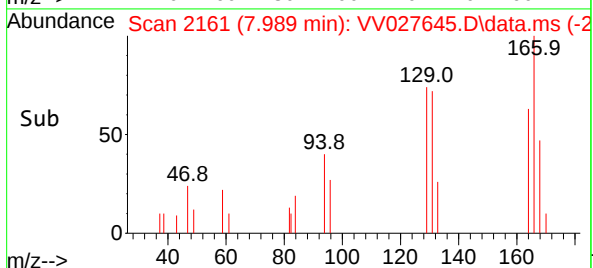
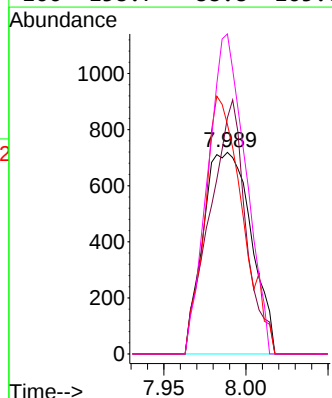
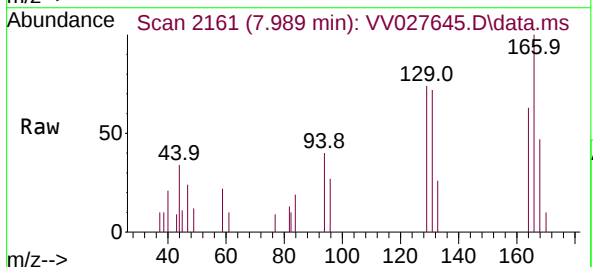
Instrument :
MSVOA_V
ClientSampleId :

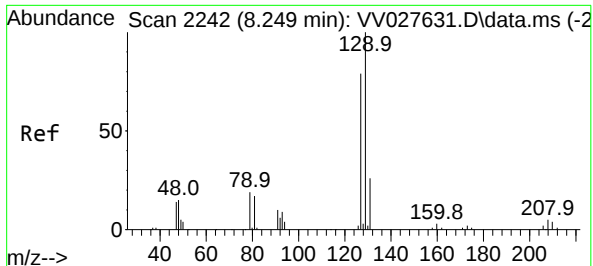
Tgt Ion: 75 Resp: 1080
Ion Ratio Lower Upper
75 100
77 40.4 22.0 41.0



#47
Tetrachloroethene
Concen: 0.160 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.016 min
Lab File: VV027645.D
Acq: 01 Sep 2022 03:34

Tgt Ion: 164 Resp: 1459
Ion Ratio Lower Upper
164 100
129 117.1 65.9 122.3
131 113.9 64.5 119.7
166 158.7 88.8 165.0





#49

Dibromochloromethane

Concen: 0.155 ug/L

RT: 7.992 min Scan# 2162

Delta R.T. -0.257 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

Instrument :

MSVOA_V

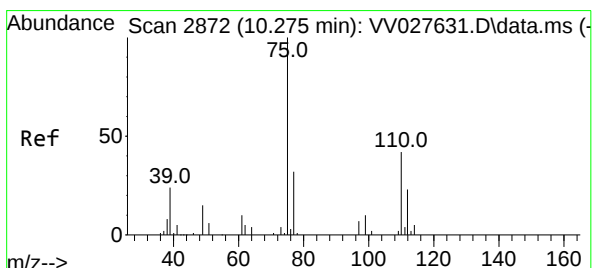
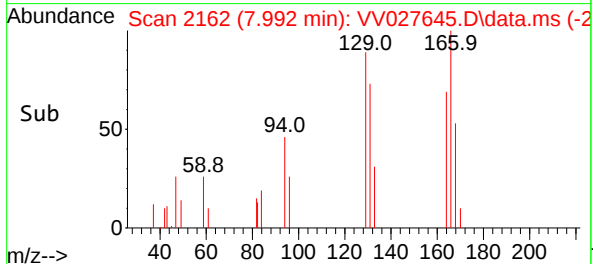
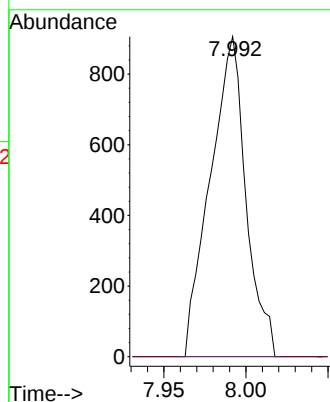
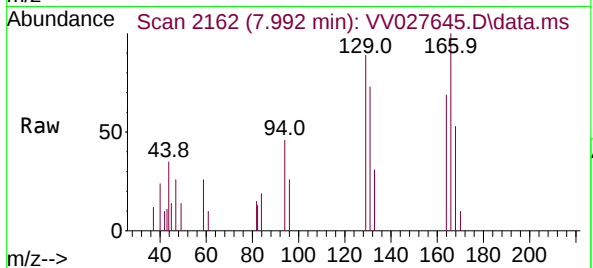
ClientSampleId :

Tgt Ion:129 Resp: 1372

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.078 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV027645.D

Acq: 01 Sep 2022 03:34

Tgt Ion: 75 Resp: 5235

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

110 3.7 29.8 44.8#

