

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043918.D
 Acq On : 24 May 2021 19:13
 Operator : SY/MD
 Sample : M2494-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB415

Quant Time: May 25 04:13:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	166497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	169453	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	73388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61609	6.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.00%#
7) Chloroethane-d5	1.922	69	44437	6.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.80%#
11) 1,1-Dichloroethene-d2	2.575	65	27863	6.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.60%
20) 2-Butanone-d5	4.649	46	132175	44.98	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	5.076	84	126163	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.00%
26) 1,2-Dichloroethane-d4	5.710	65	65527	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	5.739	84	256879	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.40%
36) 1,2-Dichloropropane-d6	6.700	67	82353	6.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.20%
41) Toluene-d8	7.906	98	212303	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloroprop...	8.186	79	28505	5.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.00%
46) 2-Hexanone-d5	8.649	63	131576	57.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73165	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	86679	6.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.00%#
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1343	0.11	ug/L	93
6) Bromomethane	1.871	94	430	0.06	ug/L	94
12) 1,1-Dichloroethene	2.588	96	54912	5.11	ug/L #	84
13) Acetone	2.655	43	3815	2.46	ug/L	90
19) 1,1-Dichloroethane	3.880	63	14988	0.78	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	119619	6.81	ug/L	99
31) Carbon tetrachloride	5.327	117	16979	1.13	ug/L	99
34) Trichloroethene	6.552	95	1434	0.12	ug/L	88
35) Methylcyclohexane	6.700	83	19575	1.13	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	7945	0.65	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1841	0.12	ug/L #	61
42) Toluene	7.986	91	4043	0.08	ug/L #	22
47) Tetrachloroethene	8.559	164	71937	7.00	ug/L	98
48) 2-Hexanone	8.690	43	6275	1.23	ug/L #	39
49) Dibromochloromethane	8.559	129	65701	6.11	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	7656	1.14	ug/L #	66

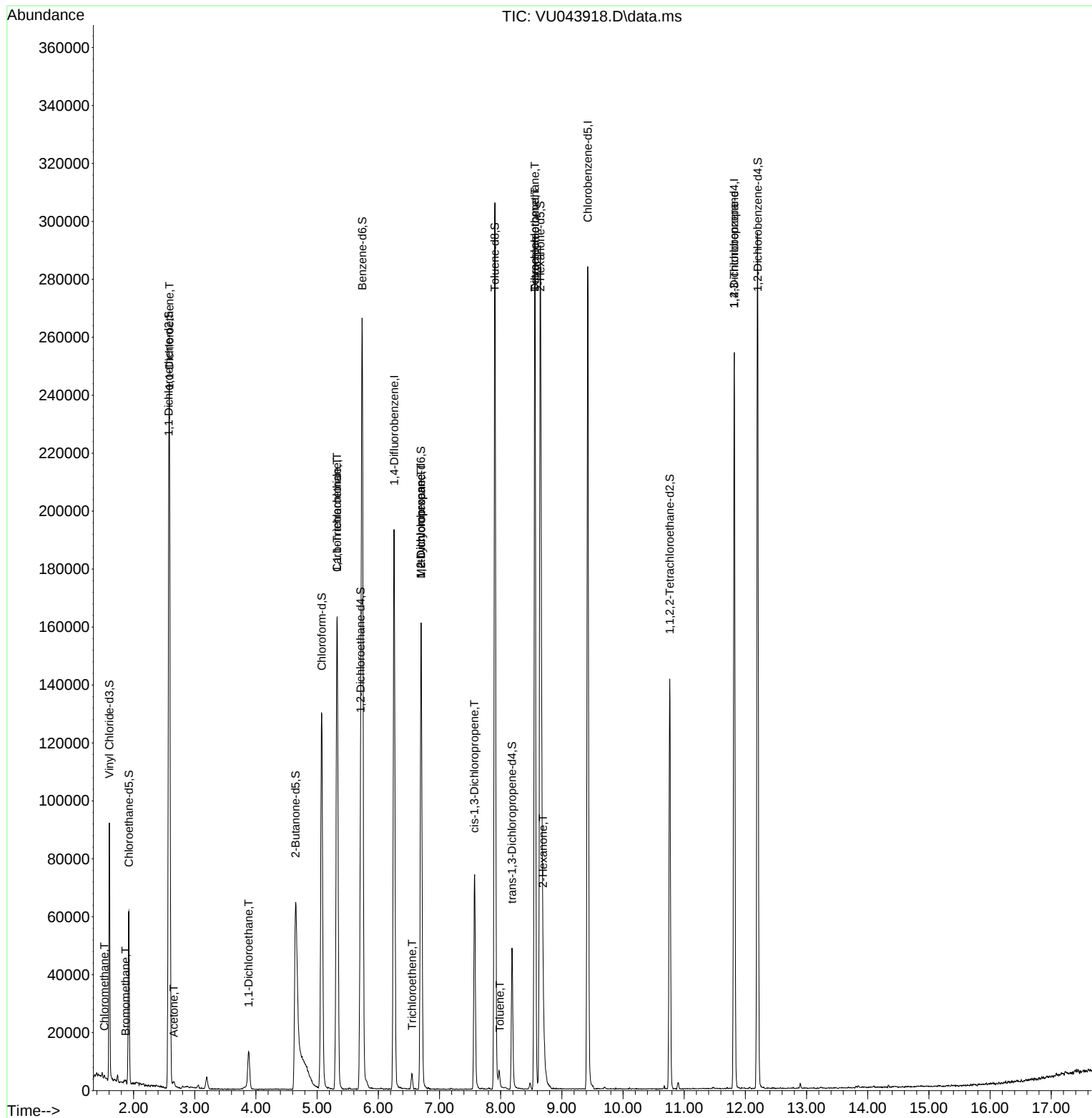
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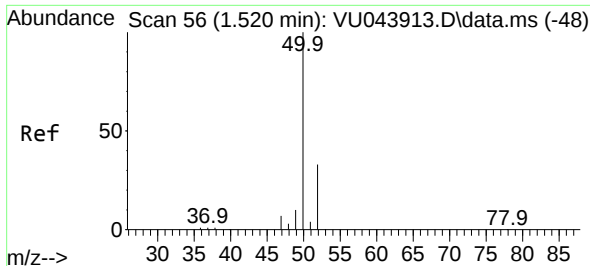
Instrument :
MSVOA_U
ClientSampleId :
GB415

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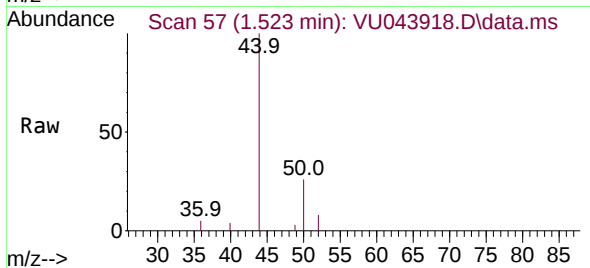
Quant Time: May 25 04:13:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 04:12:21 2021
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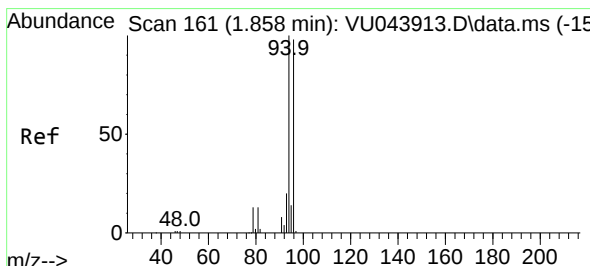
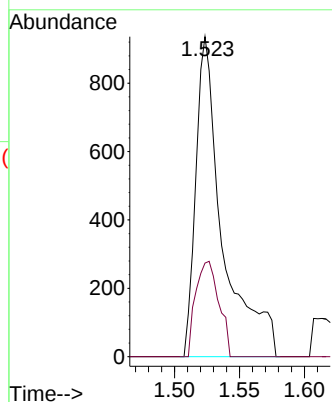
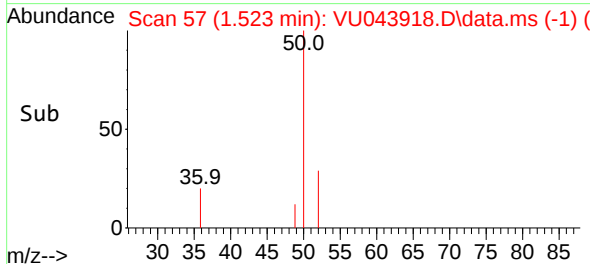


#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

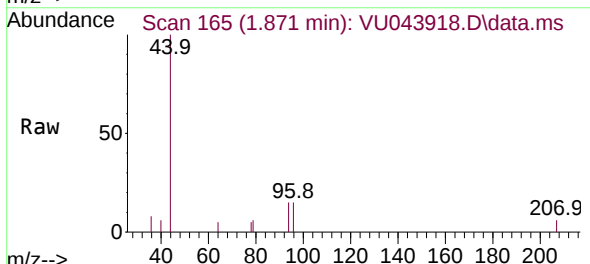
Instrument :
MSVOA_U
ClientSampleId :
GB415



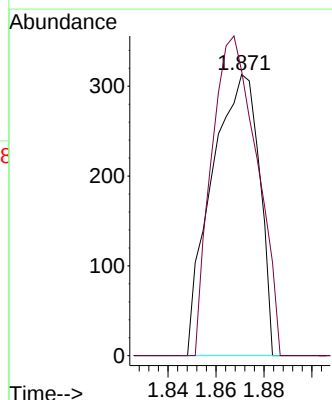
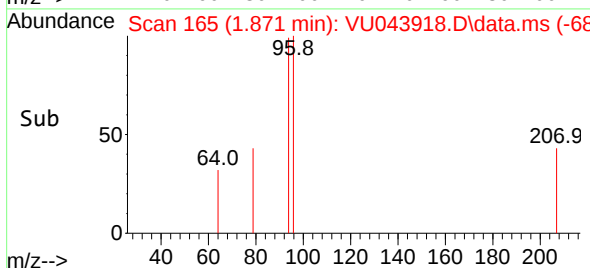
Tgt Ion: 50 Resp: 1343
Ion Ratio Lower Upper
50 100
52 29.3 23.4 43.4

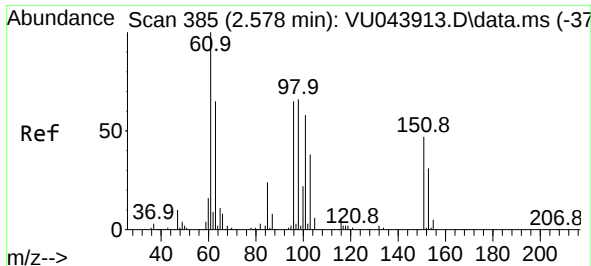


#6
Bromomethane
Concen: 0.06 ug/L
RT: 1.871 min Scan# 165
Delta R.T. 0.013 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13



Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 101.3 67.1 124.7

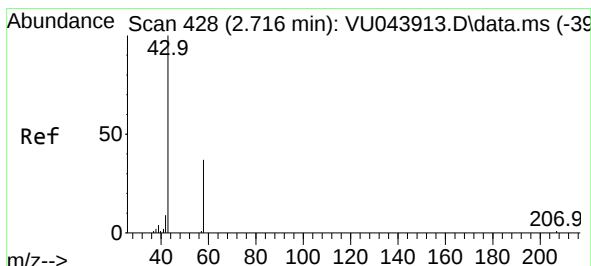
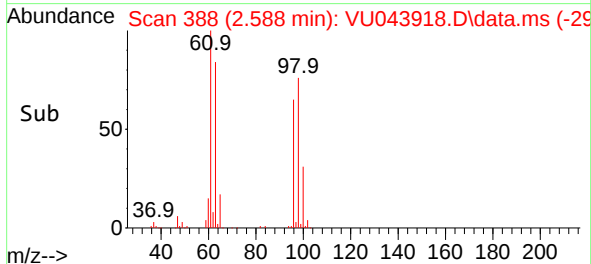
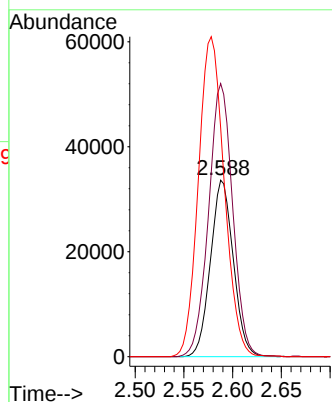
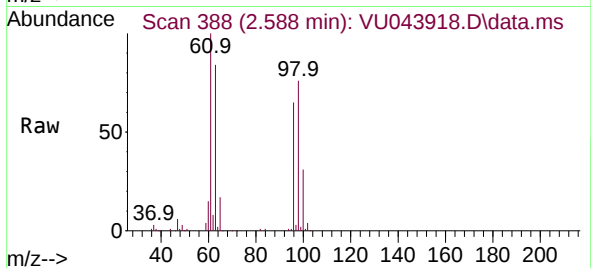




#12
1,1-Dichloroethene
Concen: 5.11 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

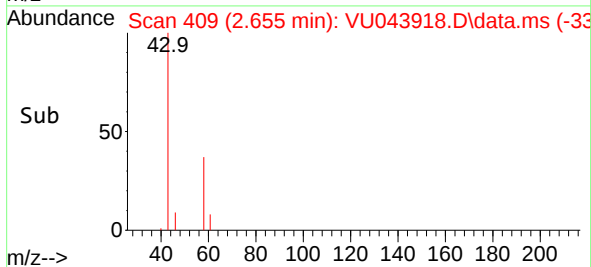
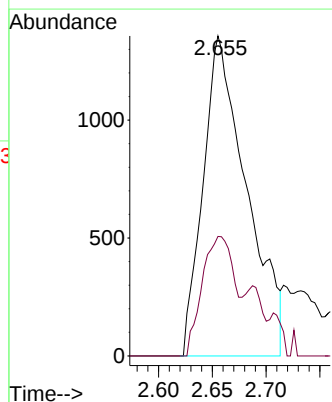
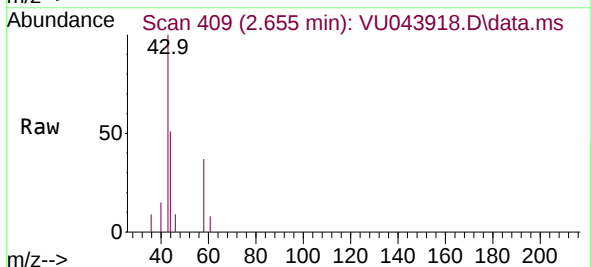
Instrument :
MSVOA_U
ClientSampleId :
GB415

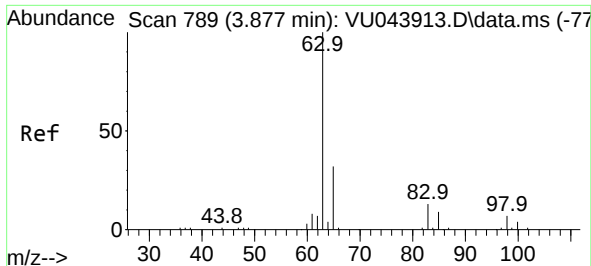
Tgt Ion: 96 Resp: 54912
Ion Ratio Lower Upper
96 100
61 154.7 105.1 195.3
63 129.5 66.6 123.6#



#13
Acetone
Concen: 2.46 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.061 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

Tgt Ion: 43 Resp: 3815
Ion Ratio Lower Upper
43 100
58 28.2 0.0 46.2





#19

1,1-Dichloroethane

Concen: 0.78 ug/L

RT: 3.880 min Scan# 790

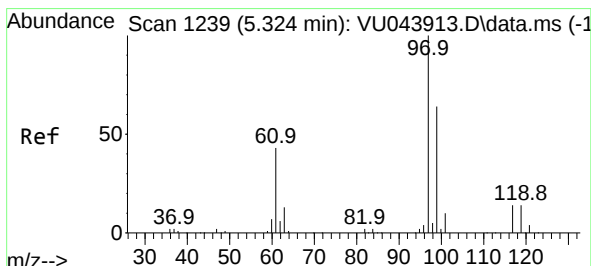
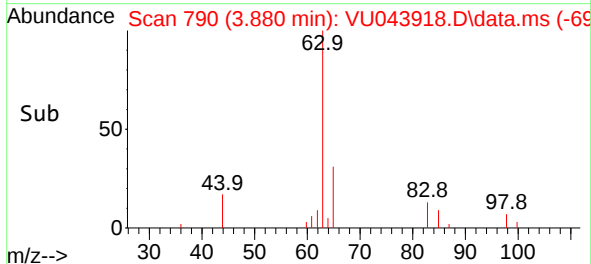
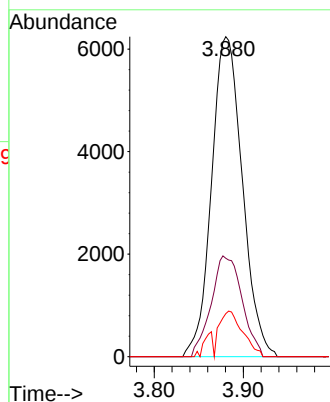
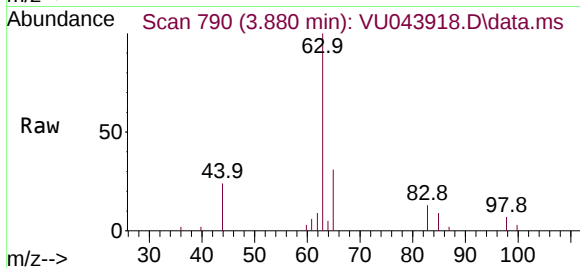
Delta R.T. 0.003 min

Lab File: VU043918.D

Acq: 24 May 2021 19:13

Tgt Ion:	63	Resp:	14988
Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.2	43.2
83	13.5	9.7	18.1

Instrument :
MSVOA_U
ClientSampled :
GB415



#29

1,1,1-Trichloroethane

Concen: 6.81 ug/L

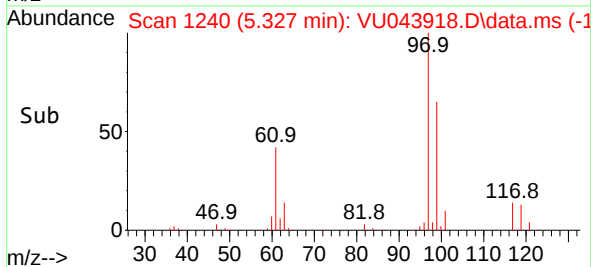
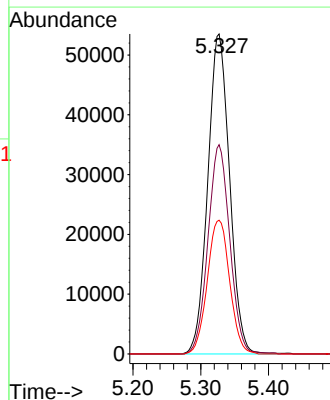
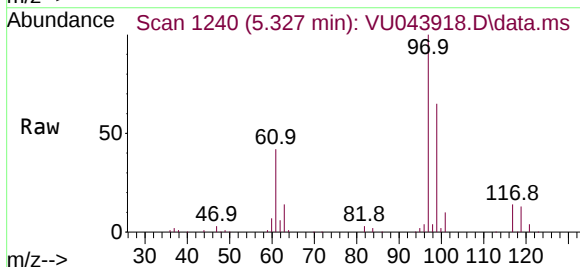
RT: 5.327 min Scan# 1240

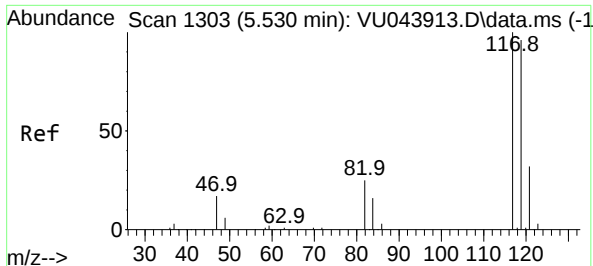
Delta R.T. 0.003 min

Lab File: VU043918.D

Acq: 24 May 2021 19:13

Tgt Ion:	97	Resp:	119619
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.9	77.9
61	42.9	34.7	52.1

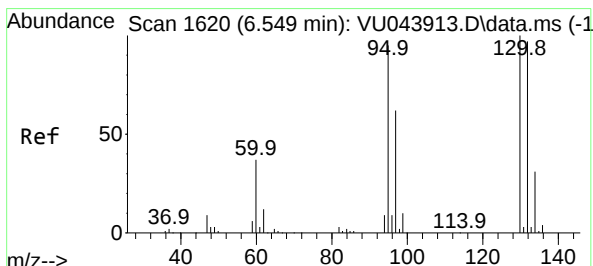
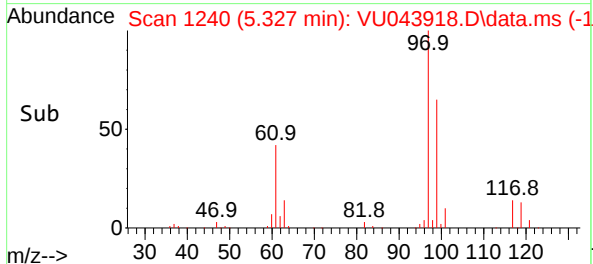
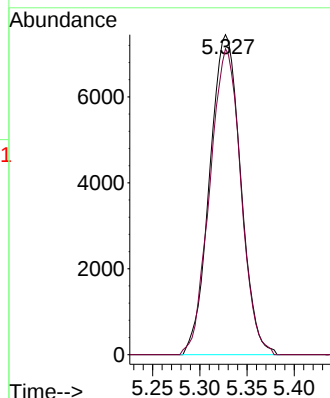
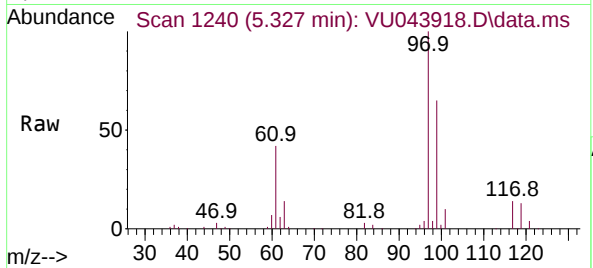




#31
Carbon tetrachloride
Concen: 1.13 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.202 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

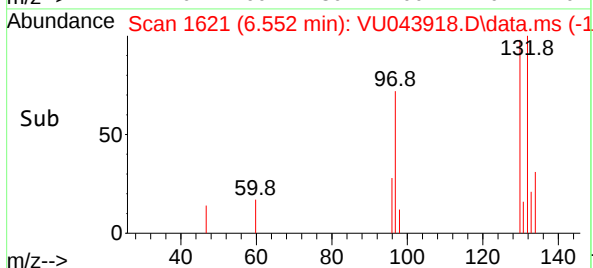
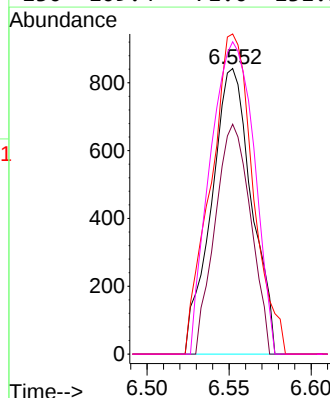
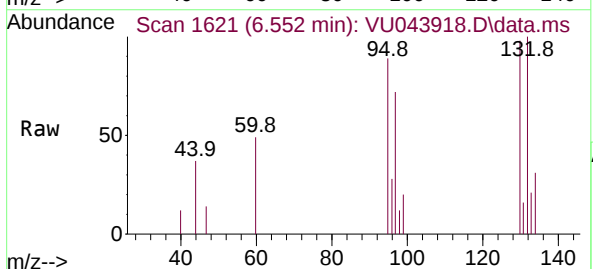
Instrument :
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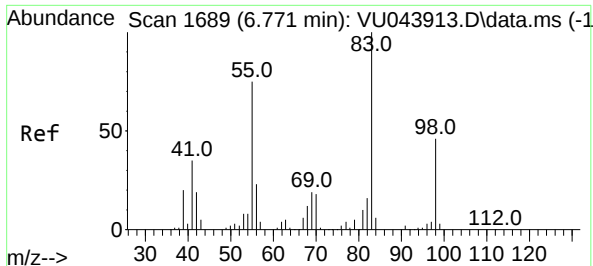
Tgt Ion:117 Resp: 16979
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0



#34
Trichloroethene
Concen: 0.12 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

Tgt Ion: 95 Resp: 1434
Ion Ratio Lower Upper
95 100
97 80.5 45.5 84.5
132 112.1 70.9 131.7
130 109.4 71.0 131.9

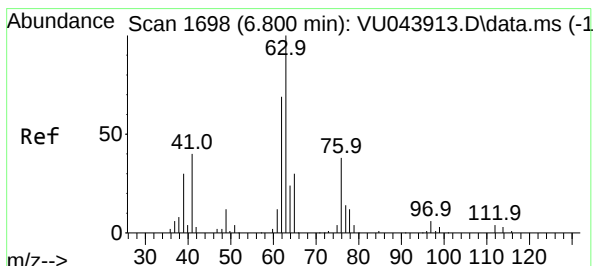
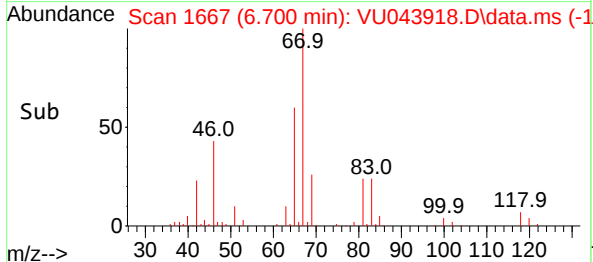
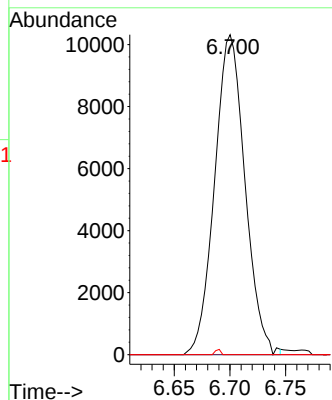
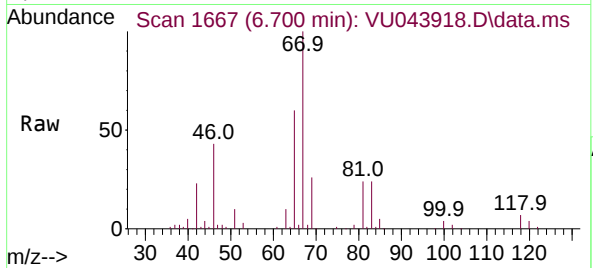




#35
Methylcyclohexane
Concen: 1.13 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

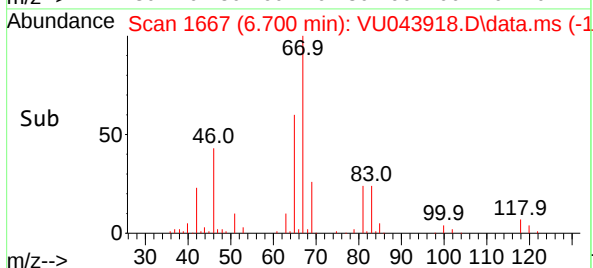
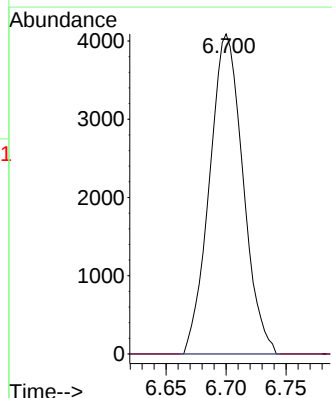
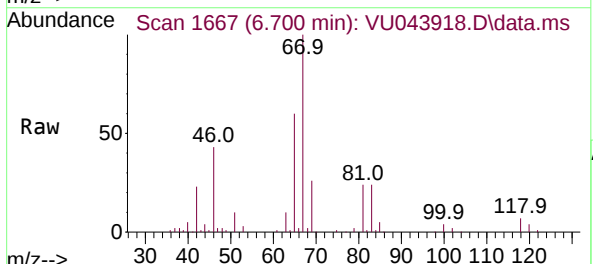
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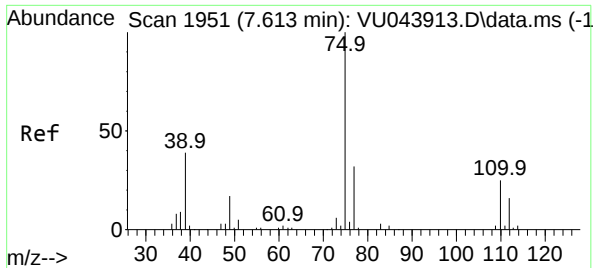
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.3	37.0	55.4#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



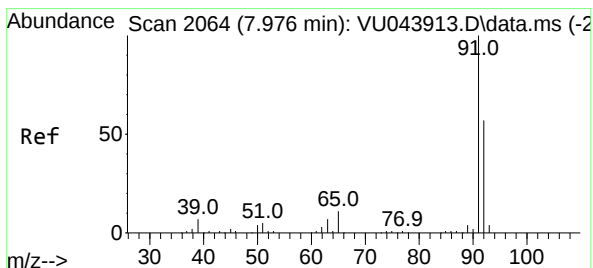
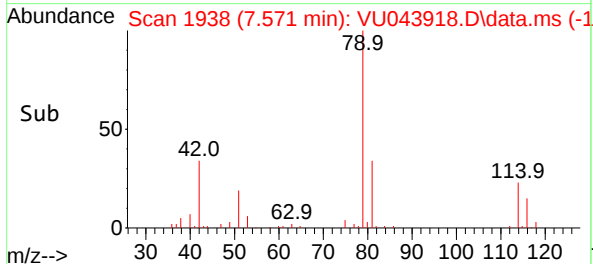
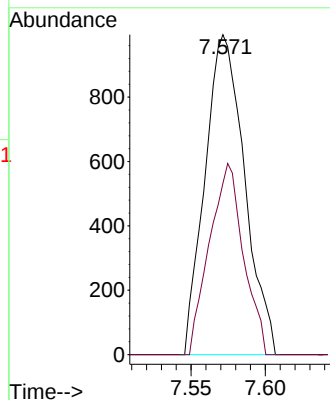
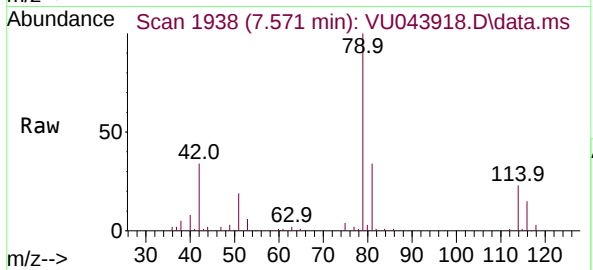


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

Instrument :
MSVOA_U
ClientSampleId :
GB415

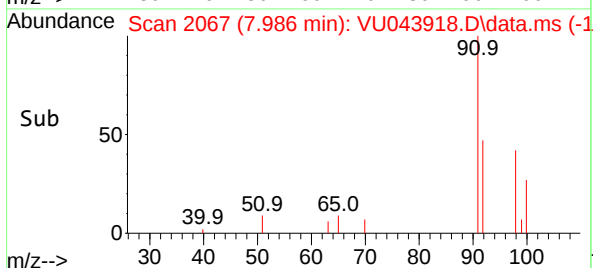
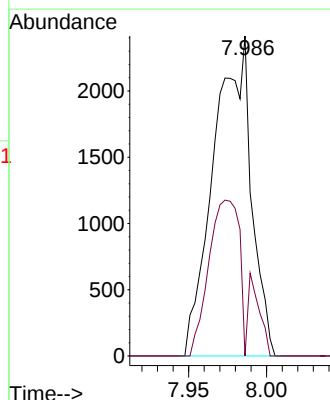
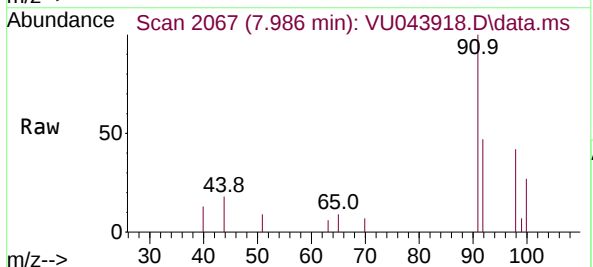
Tgt Ion: 75 Resp: 1841
Ion Ratio Lower Upper
75 100
77 53.5 22.3 41.3#

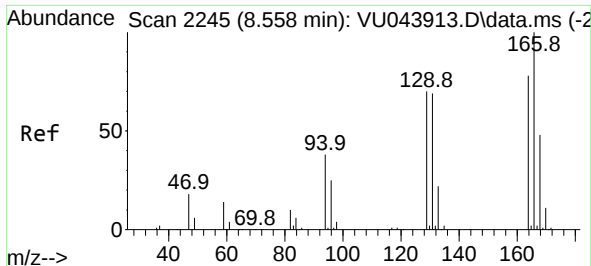


#42

Toluene
Concen: 0.08 ug/L
RT: 7.986 min Scan# 2067
Delta R.T. 0.010 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

Tgt Ion: 91 Resp: 4043
Ion Ratio Lower Upper
91 100
92 0.0 40.5 75.1#



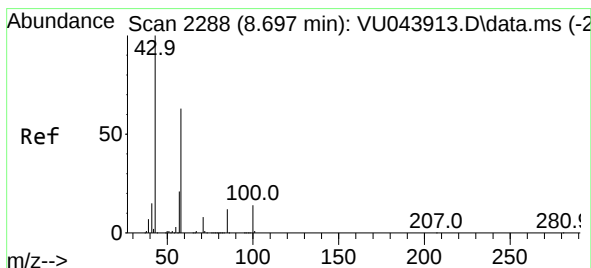
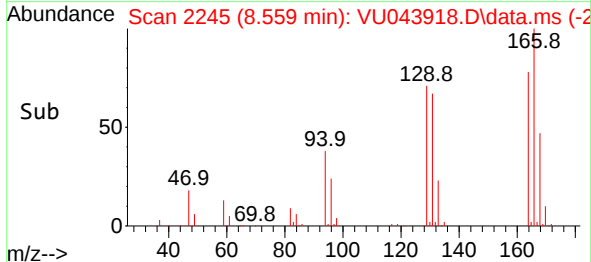
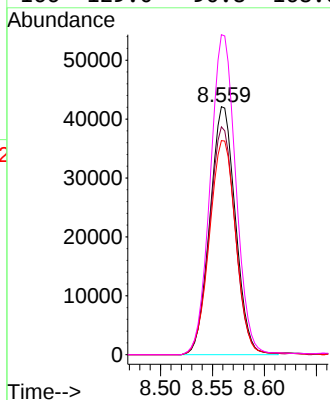
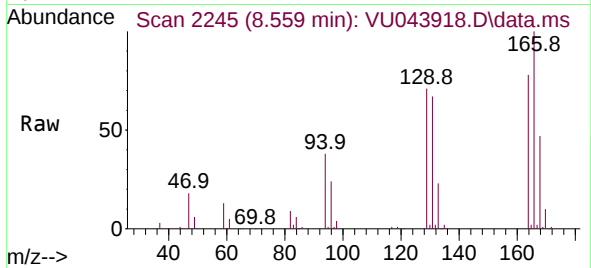


#47
Tetrachloroethene
Concen: 7.00 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

Instrument :
MSVOA_U
ClientSampled :
GB415

Tgt Ion:164 Resp: 71937

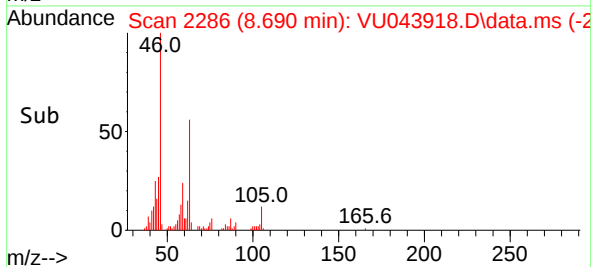
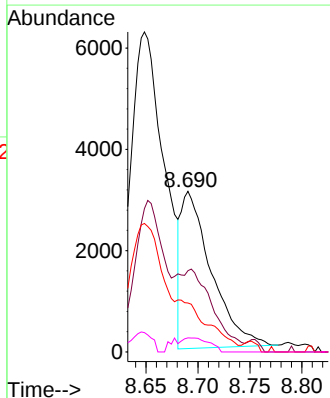
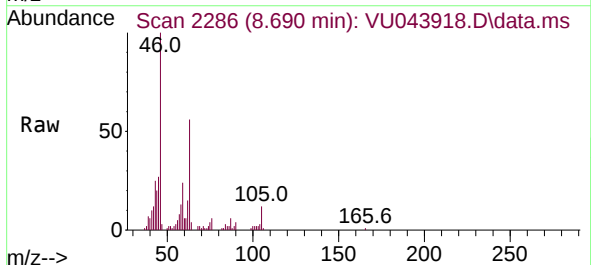
Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.1	119.1
131	86.3	64.5	119.9
166	129.0	90.8	168.6

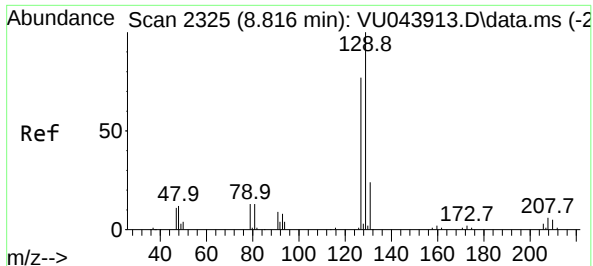


#48
2-Hexanone
Concen: 1.23 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043918.D
Acq: 24 May 2021 19:13

Tgt Ion: 43 Resp: 6275

Ion	Ratio	Lower	Upper
43	100		
58	3.0	49.4	74.0#
57	0.0	16.8	25.2#
100	8.0	10.6	15.8#





#49

Dibromochloromethane

Concen: 6.11 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043918.D

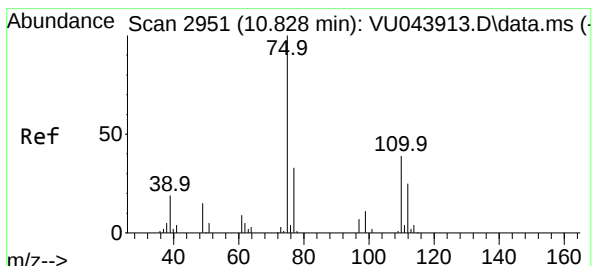
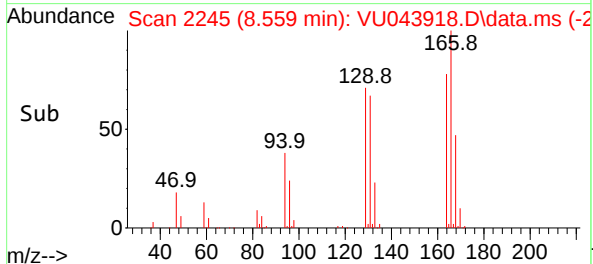
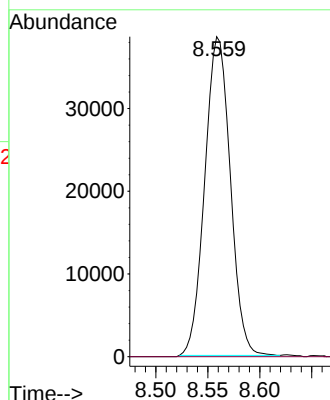
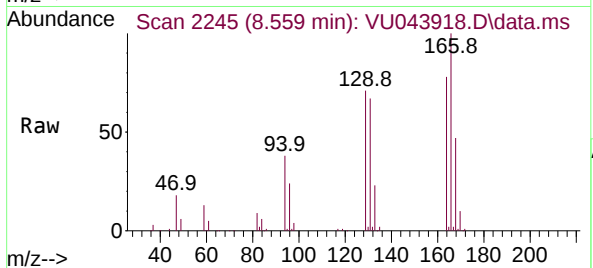
Acq: 24 May 2021 19:13

Tgt Ion:129 Resp: 65701

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.14 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043918.D

Acq: 24 May 2021 19:13

Tgt Ion: 75 Resp: 7656

Ion Ratio Lower Upper

75 100

110 1.8 29.3 43.9#

77 29.2 26.3 39.5

