

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043923.D
 Acq On : 24 May 2021 21:13
 Operator : SY/MD
 Sample : M2494-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB422

Quant Time: May 25 04:14:14 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	6.259	114	161692	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	170302	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	72622	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60780	6.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.20%#
7) Chloroethane-d5	1.922	69	43938	6.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	135.40%#
11) 1,1-Dichloroethene-d2	2.578	65	27493	6.28	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.60%#
20) 2-Butanone-d5	4.648	46	134405	47.10	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	5.073	84	125746	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.00%
26) 1,2-Dichloroethane-d4	5.713	65	65107	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.40%
32) Benzene-d6	5.738	84	253663	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
36) 1,2-Dichloropropane-d6	6.700	67	82257	5.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.40%
41) Toluene-d8	7.906	98	211038	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
43) trans-1,3-Dichloroprop...	8.185	79	28176	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.648	63	131204	56.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71898	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	86143	6.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.60%#
Target Compounds						Qvalue
3) Chloromethane	1.526	50	1010	0.09	ug/L	96
12) 1,1-Dichloroethene	2.591	96	105247	10.08	ug/L	95
19) 1,1-Dichloroethane	3.883	63	30016	1.61	ug/L	99
22) cis-1,2-Dichloroethene	4.684	96	1203	0.10	ug/L	91
27) 1,2-Dichloroethane	5.809	62	2030	0.17	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	96241	5.46	ug/L	99
31) Carbon tetrachloride	5.330	117	13349	0.88	ug/L	99
34) Trichloroethene	6.549	95	4352	0.36	ug/L	84
35) Methylcyclohexane	6.700	83	18608	1.07	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8256	0.68	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1642	0.10	ug/L #	47
42) Toluene	7.980	91	3414	0.07	ug/L	97
47) Tetrachloroethene	8.562	164	105436	10.21	ug/L	99
48) 2-Hexanone	8.697	43	5130	1.00	ug/L #	36
49) Dibromochloromethane	8.558	129	94732	8.76	ug/L #	11
61) 1,2,3-Trichloropropane	11.815	75	7212	1.08	ug/L #	65

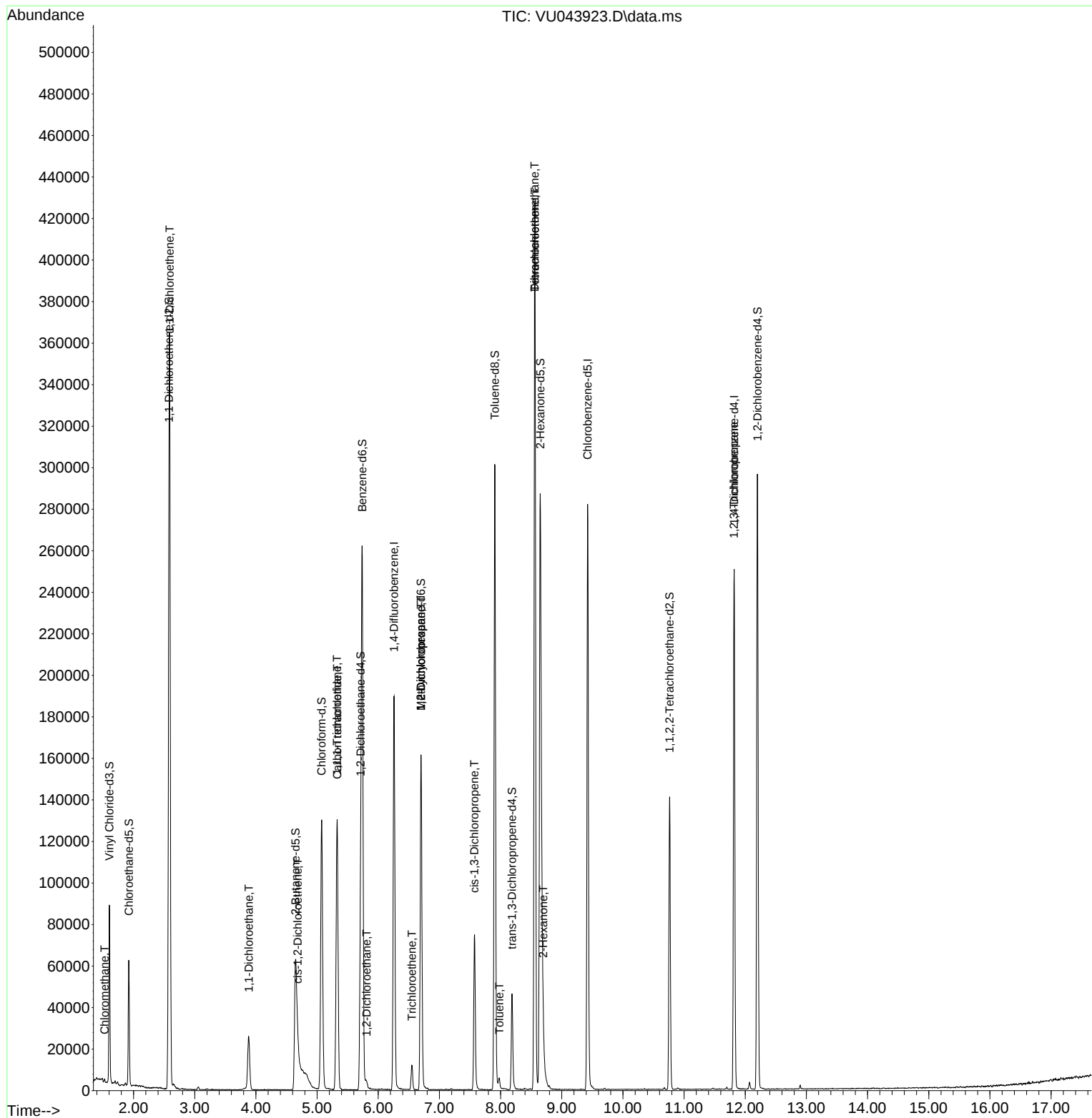
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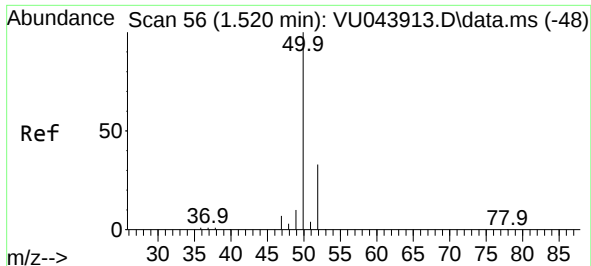
Instrument :
MSVOA_U
ClientSampleId :
GB422

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 04:12:21 2021
Response via : Initial Calibration

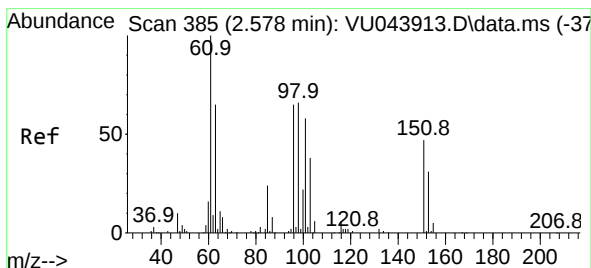
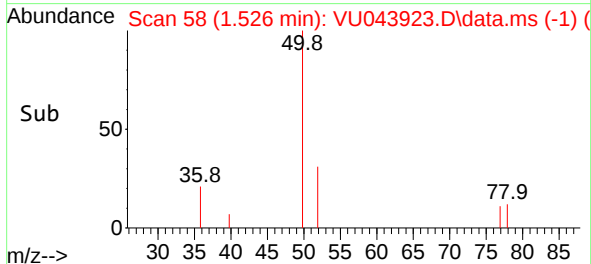
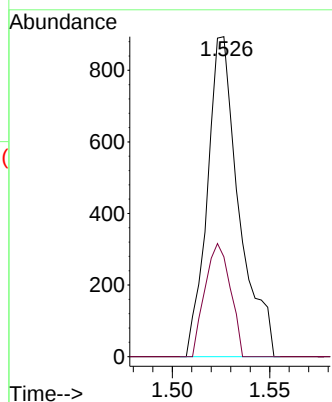
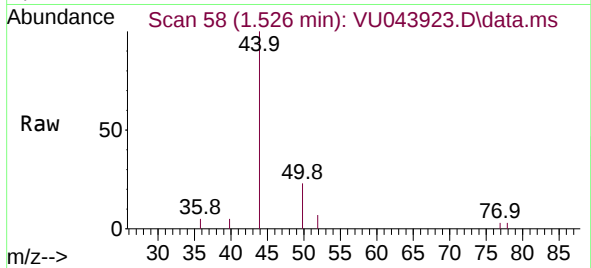




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.006 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

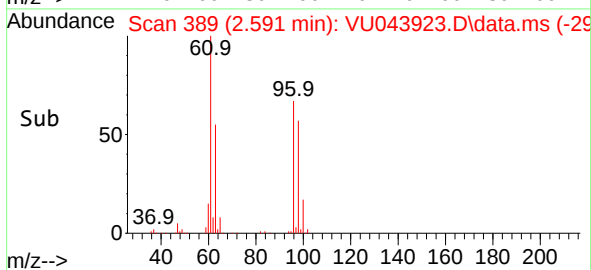
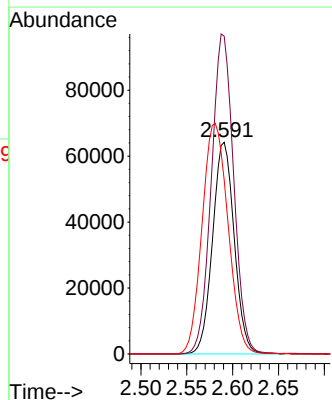
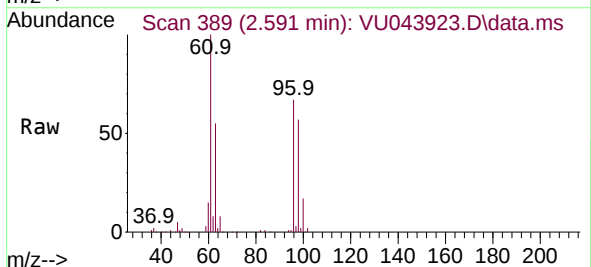
Instrument :
MSVOA_U
ClientSampleId :
GB422

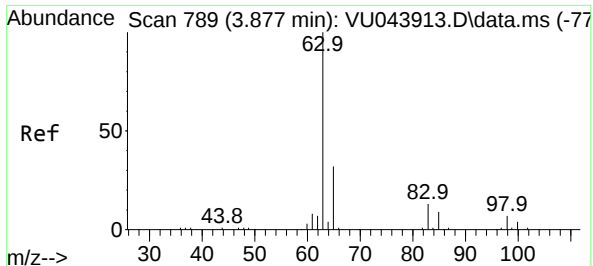
Tgt Ion: 50 Resp: 1010
Ion Ratio Lower Upper
50 100
52 31.2 23.4 43.4



#12
1,1-Dichloroethene
Concen: 10.08 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.013 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 96 Resp: 105247
Ion Ratio Lower Upper
96 100
61 150.1 105.1 195.3
63 82.1 66.6 123.6





#19

1,1-Dichloroethane

Concen: 1.61 ug/L

RT: 3.883 min Scan# 791

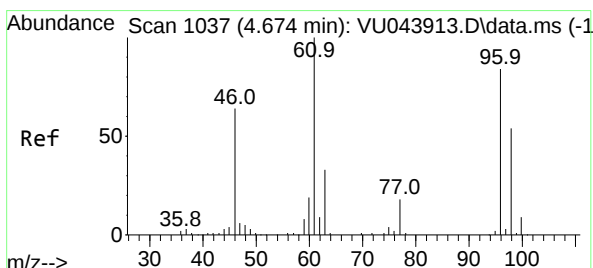
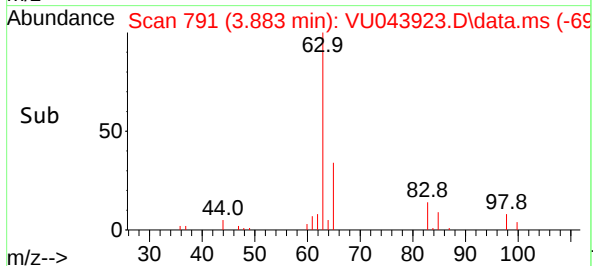
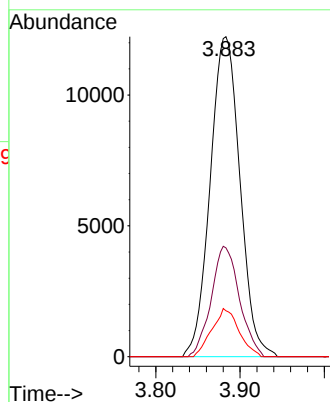
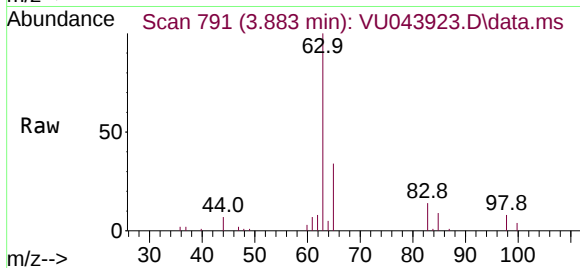
Delta R.T. 0.006 min

Lab File: VU043923.D

Acq: 24 May 2021 21:13

Tgt Ion:	63	Resp:	30016
Ion Ratio	Lower	Upper	
63	100		
65	34.0	23.2	43.2
83	14.3	9.7	18.1

Instrument :
MSVOA_U
ClientSampleId :
GB422



#22

cis-1,2-Dichloroethene

Concen: 0.10 ug/L

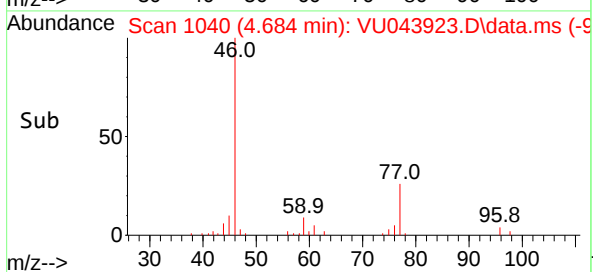
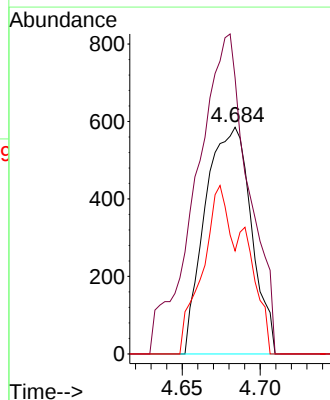
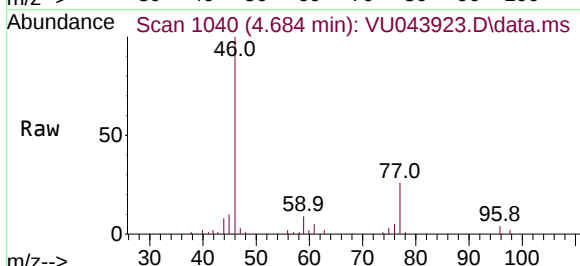
RT: 4.684 min Scan# 1040

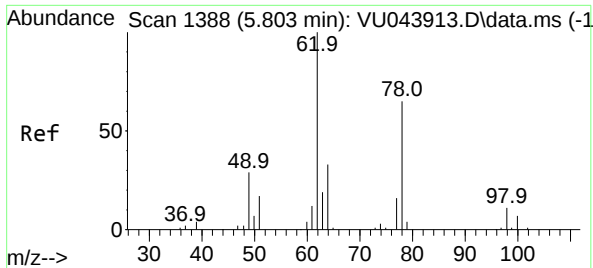
Delta R.T. 0.010 min

Lab File: VU043923.D

Acq: 24 May 2021 21:13

Tgt Ion:	96	Resp:	1203
Ion Ratio	Lower	Upper	
96	100		
61	121.9	82.9	153.9
98	45.5	43.3	80.5

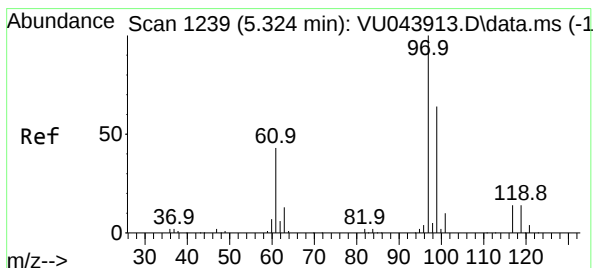
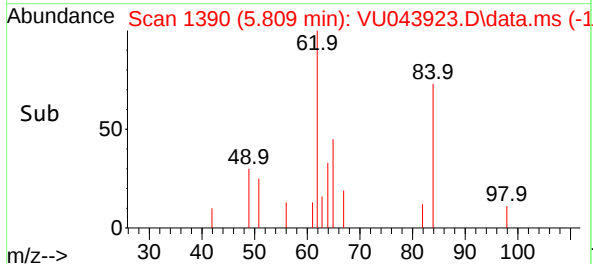
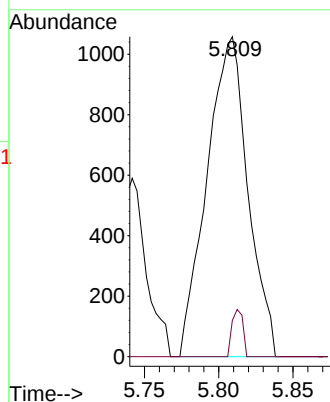
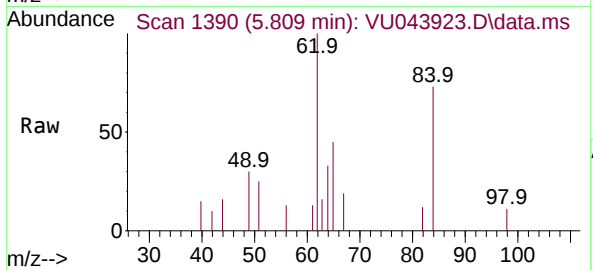




#27
1,2-Dichloroethane
Concen: 0.17 ug/L
RT: 5.809 min Scan# 1390
Delta R.T. 0.006 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

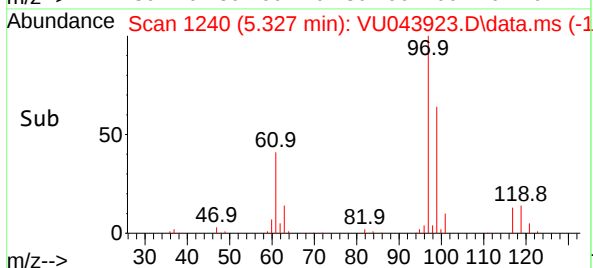
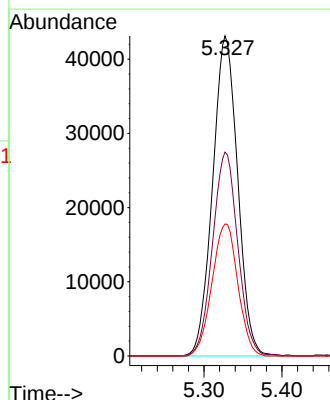
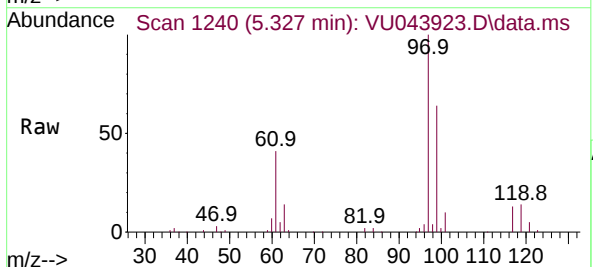
Instrument :
MSVOA_U
ClientSampled :
GB422

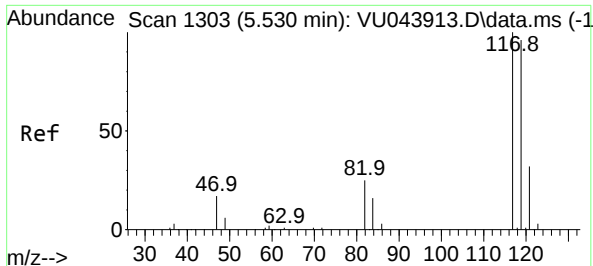
Tgt Ion: 62 Resp: 2030
Ion Ratio Lower Upper
62 100
98 11.3 8.3 12.5



#29
1,1,1-Trichloroethane
Concen: 5.46 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 97 Resp: 96241
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 42.6 34.7 52.1

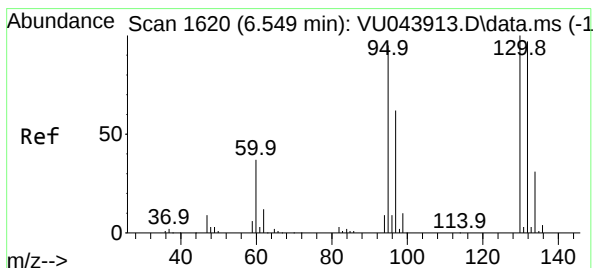
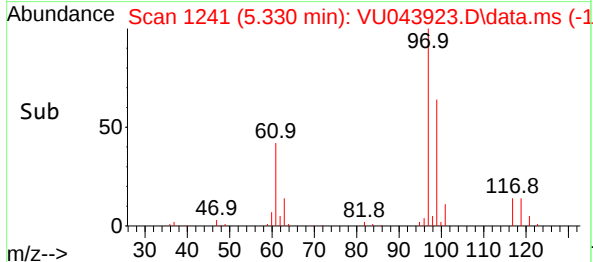
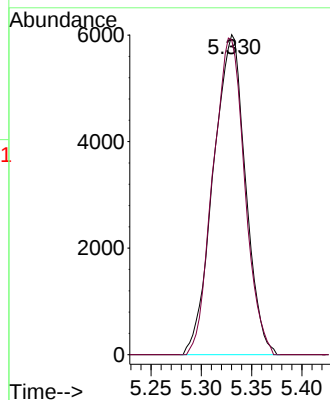
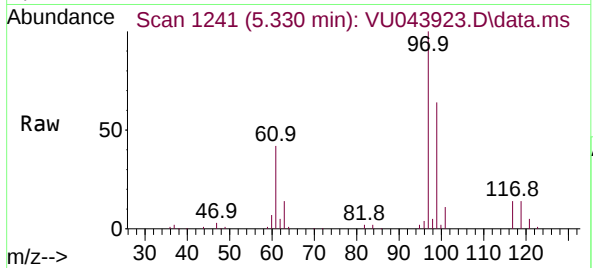




#31
Carbon tetrachloride
Concen: 0.88 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. -0.199 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

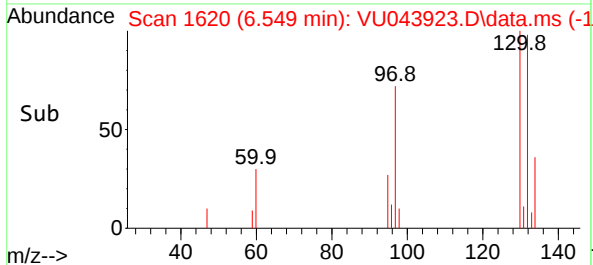
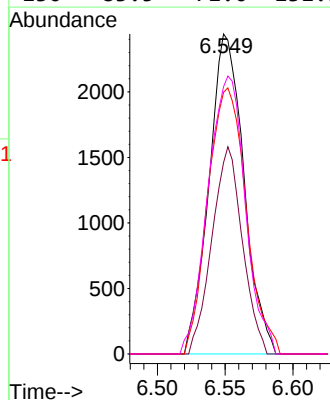
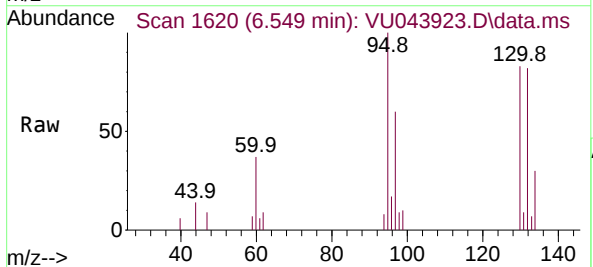
Instrument :
MSVOA_U
ClientSampleId :
GB422

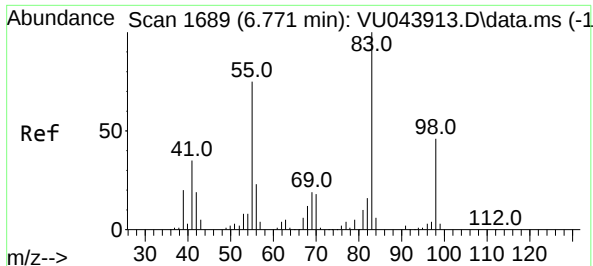
Tgt Ion:117 Resp: 13349
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0



#34
Trichloroethene
Concen: 0.36 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 95 Resp: 4352
Ion Ratio Lower Upper
95 100
97 59.8 45.5 84.5
132 81.8 70.9 131.7
130 83.5 71.0 131.9





#35

Methylcyclohexane

Concen: 1.07 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU043923.D

Acq: 24 May 2021 21:13

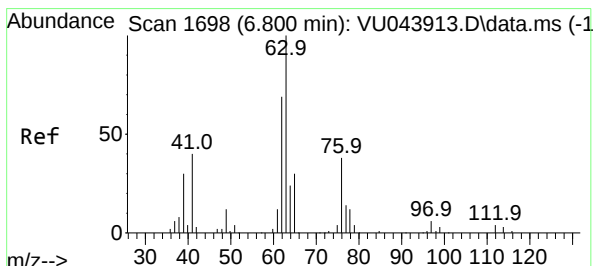
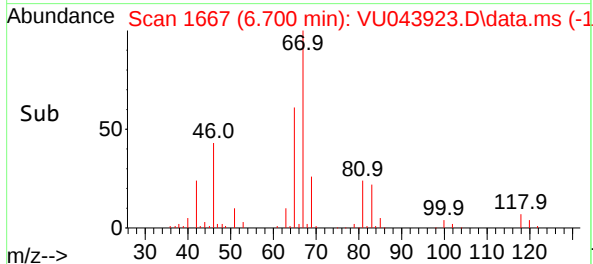
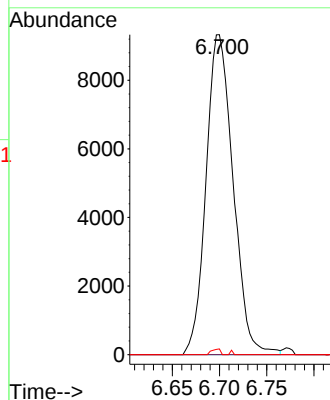
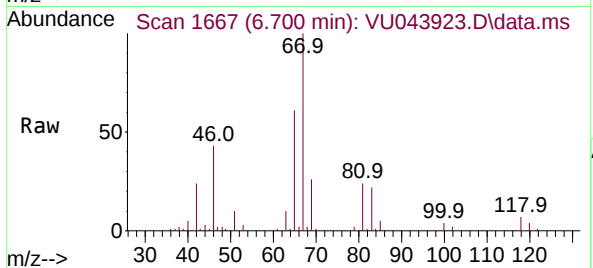
Instrument :

MSVOA_U

ClientSampled :

GB422

Tgt Ion:	83	Resp:	18608
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	0.6	37.0	55.4#



#37

1,2-Dichloropropane

Concen: 0.68 ug/L

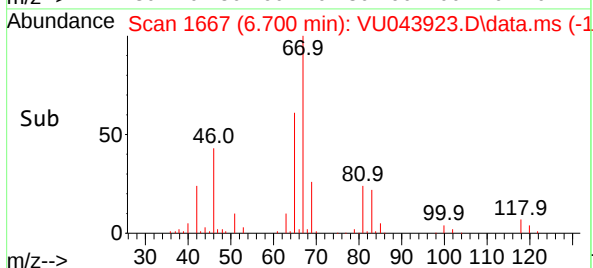
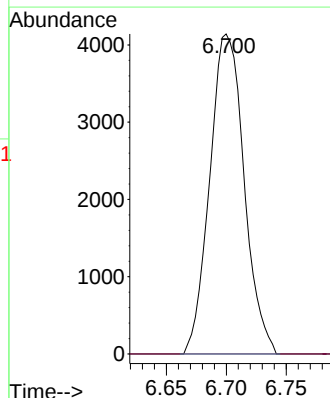
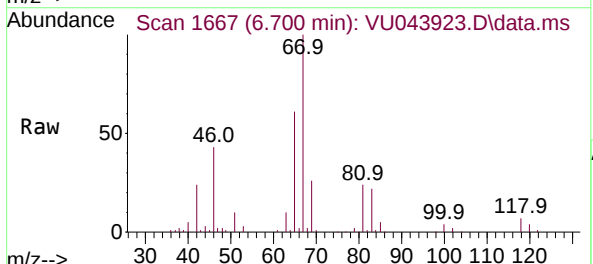
RT: 6.700 min Scan# 1667

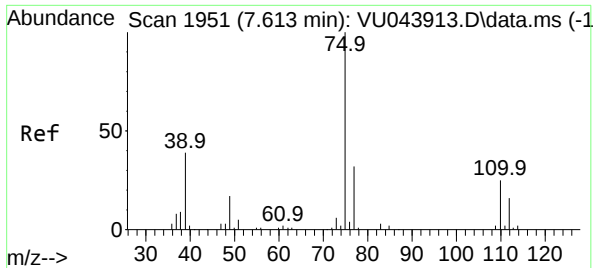
Delta R.T. -0.100 min

Lab File: VU043923.D

Acq: 24 May 2021 21:13

Tgt Ion:	63	Resp:	8256
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.7	5.5#



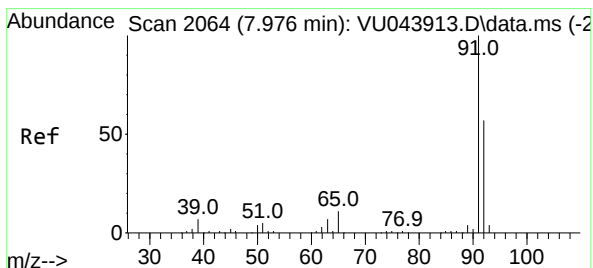
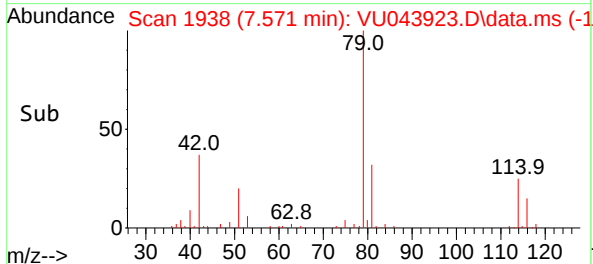
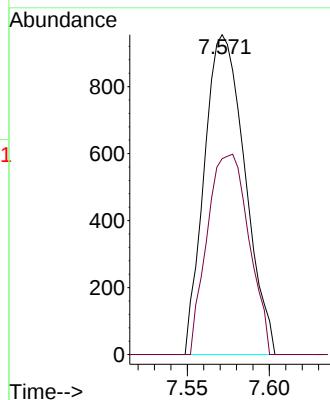
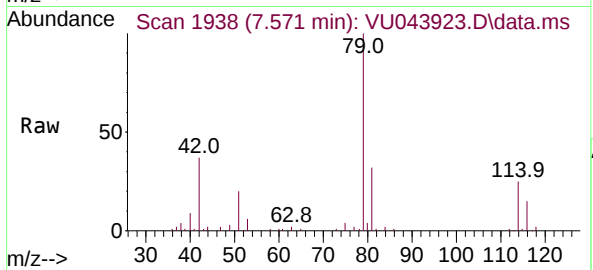


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Instrument :
MSVOA_U
ClientSampled :
GB422

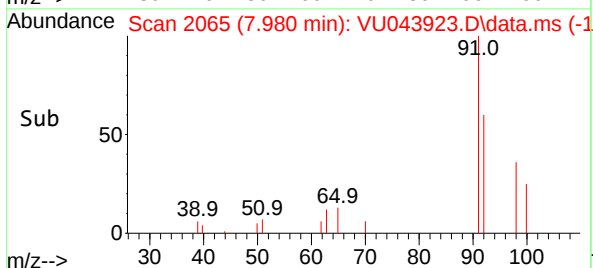
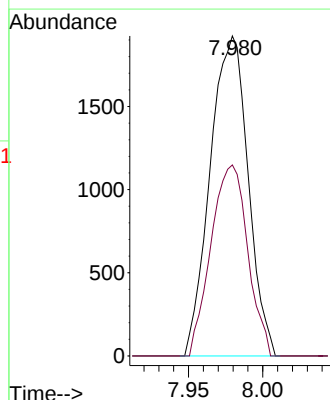
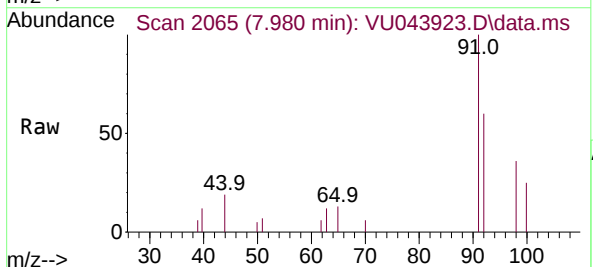
Tgt Ion: 75 Resp: 1642
Ion Ratio Lower Upper
75 100
77 61.3 22.3 41.3#

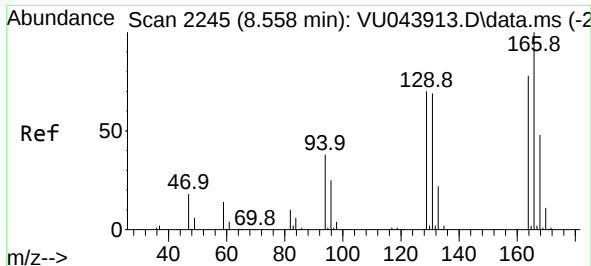


#42

Toluene
Concen: 0.07 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 91 Resp: 3414
Ion Ratio Lower Upper
91 100
92 59.7 40.5 75.1

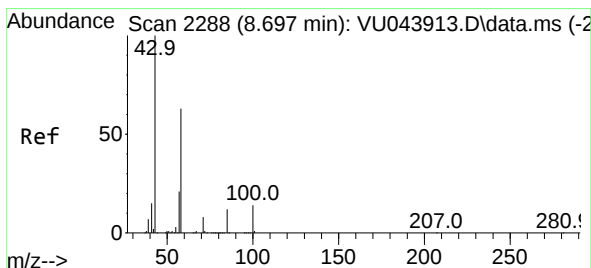
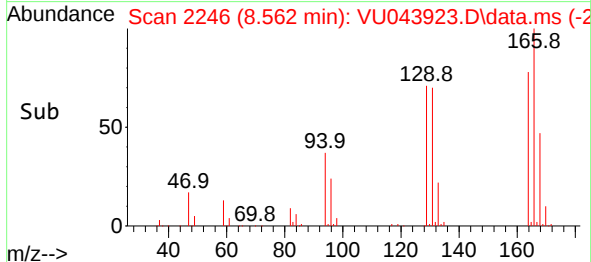
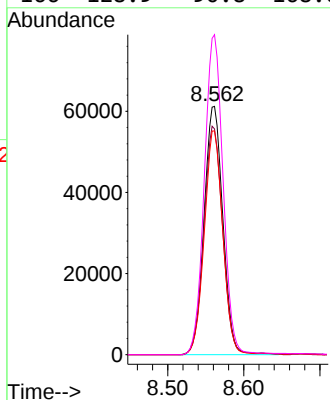
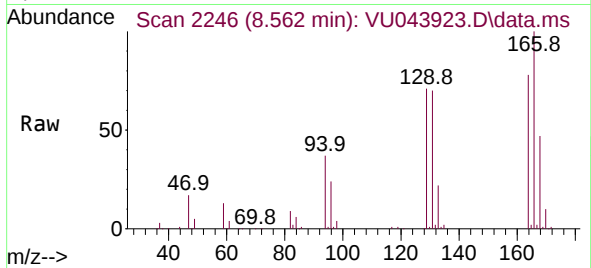




#47
Tetrachloroethene
Concen: 10.21 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

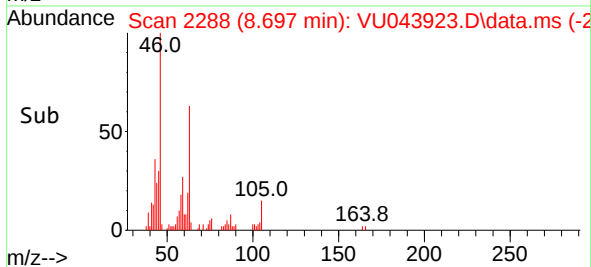
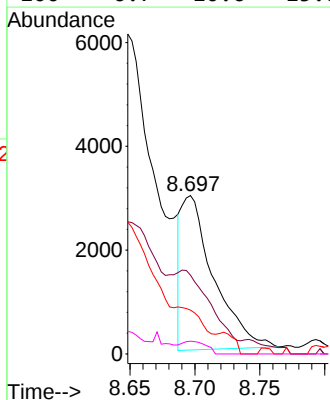
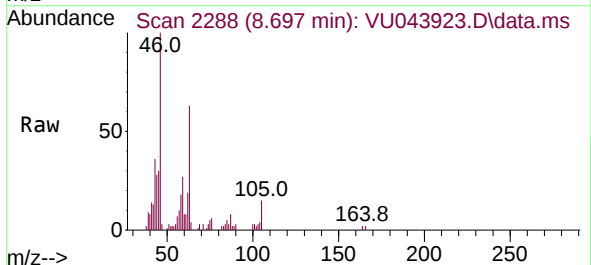
Instrument :
MSVOA_U
ClientSampleId :
GB422

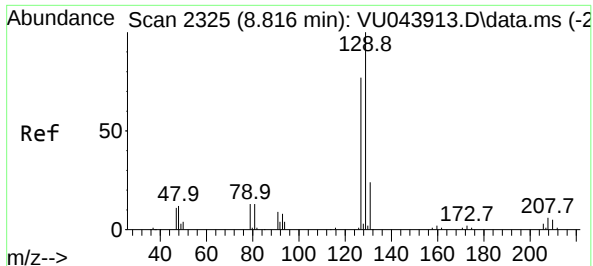
Tgt Ion:164 Resp: 105436
Ion Ratio Lower Upper
164 100
129 90.9 64.1 119.1
131 90.1 64.5 119.9
166 128.9 90.8 168.6



#48
2-Hexanone
Concen: 1.00 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU043923.D
Acq: 24 May 2021 21:13

Tgt Ion: 43 Resp: 5130
Ion Ratio Lower Upper
43 100
58 0.0 49.4 74.0#
57 0.0 16.8 25.2#
100 6.7 10.6 15.8#





#49

Dibromochloromethane

Concen: 8.76 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043923.D

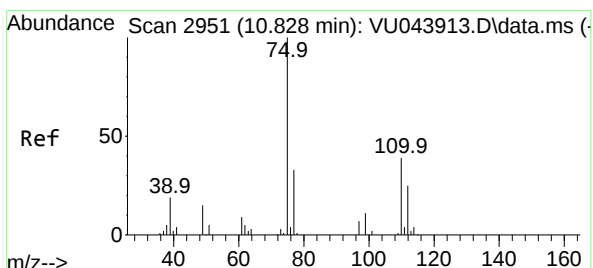
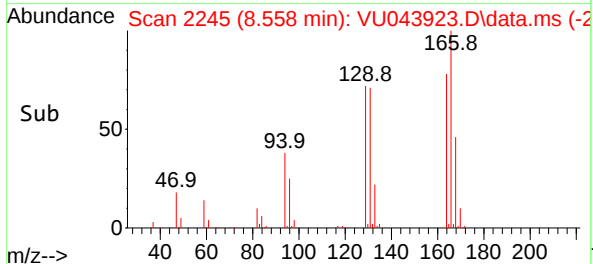
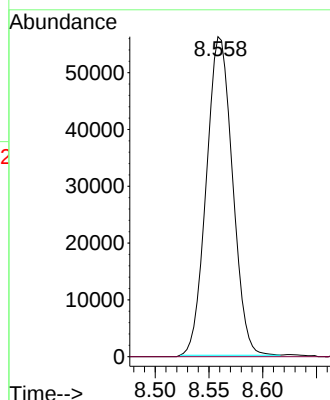
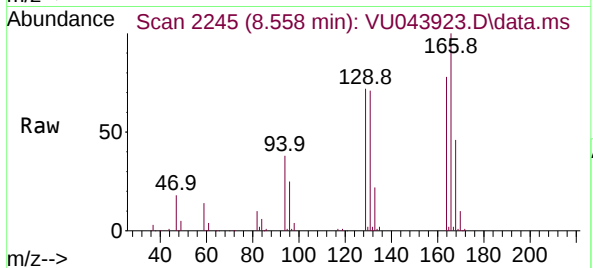
Acq: 24 May 2021 21:13

Tgt Ion:129 Resp: 94732

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.08 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.987 min

Lab File: VU043923.D

Acq: 24 May 2021 21:13

Tgt Ion: 75 Resp: 7212

Ion Ratio Lower Upper

75 100

110 0.0 29.3 43.9#

77 29.8 26.3 39.5

