

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042056.D
 Acq On : 15 Jan 2021 01:13
 Operator : SY/MD
 Sample : M1065-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP7

Manual Integrations
 APPROVED

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 1/15/2021 3:28:39 PM

Quant Time: Jan 15 06:40:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	134020	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	45672	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34494	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.919	69	39930	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.571	63	58999	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.652	46	165358	48.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.44%
24) Chloroform-d	5.076	84	89704	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.716	65	52671	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.739	84	175276	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.700	67	61204	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.902	98	119447	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloroprop...	8.185	79	19746	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.645	63	115796	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	44629	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.188	152	43536	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1968	0.16	ug/L #	85
3) Chloromethane	1.520	50	1997	0.13	ug/L	95
9) Trichlorofluoromethane	2.137	101	5978	0.30	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	1579	0.15	ug/L #	73
12) 1,1-Dichloroethene	2.578	96	1910	0.18	ug/L #	1
13) Acetone	2.655	43	4274m	2.01	ug/L	
17) Methyl tert-butyl Ether	3.378	73	4067	0.15	ug/L #	90
18) trans-1,2-Dichloroethene	3.366	96	1139	0.11	ug/L	85
22) cis-1,2-Dichloroethene	4.681	96	60014	5.39	ug/L	91
25) Chloroform	5.102	83	6176	0.30	ug/L	88
31) Carbon tetrachloride	5.536	117	1349	0.10	ug/L	99
34) Trichloroethene	6.552	95	564585	58.11	ug/L	99
47) Tetrachloroethene	8.555	164	50988	8.10	ug/L	98

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

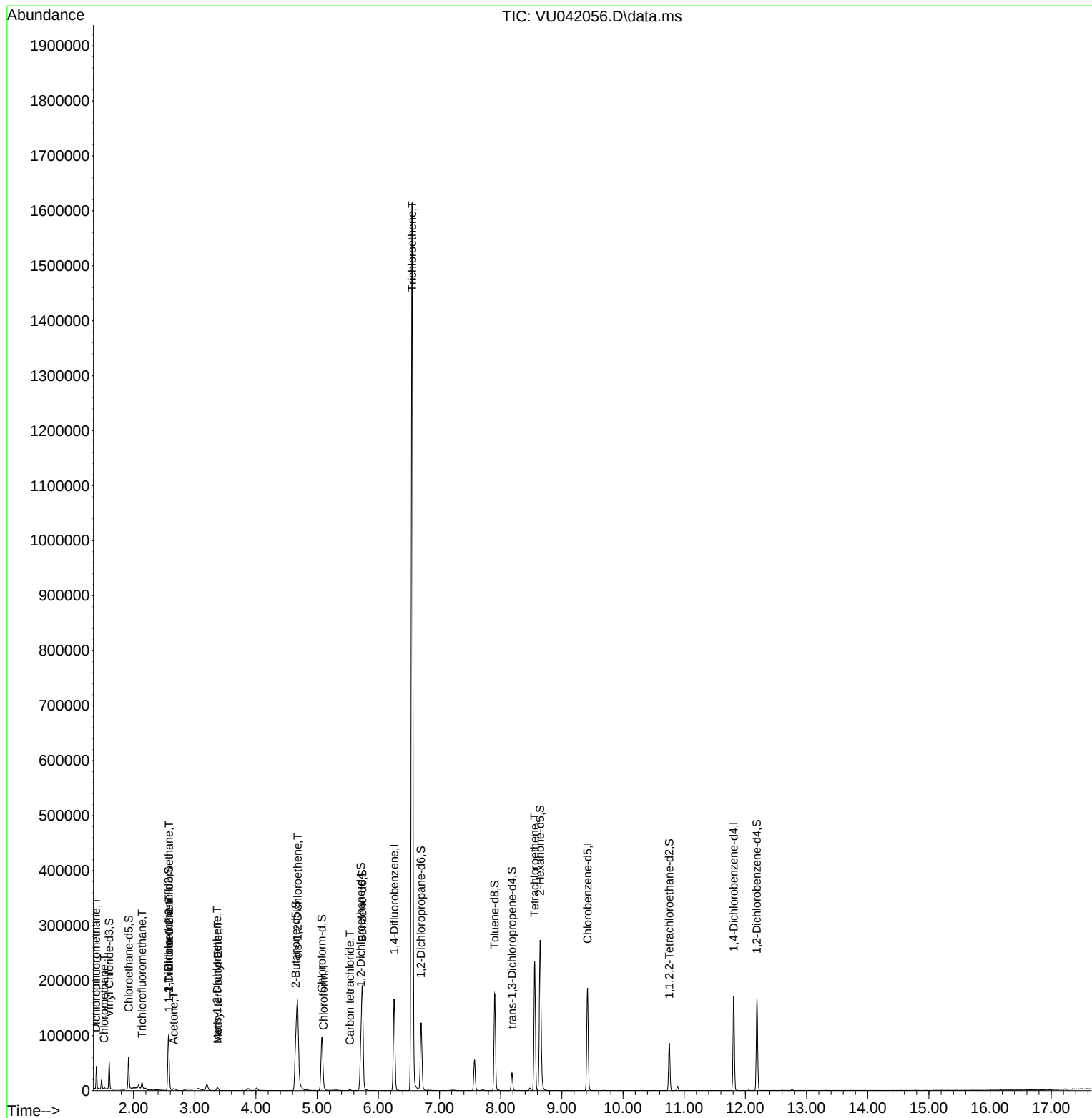
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Data File : VU042056.D
Acq On : 15 Jan 2021 01:13
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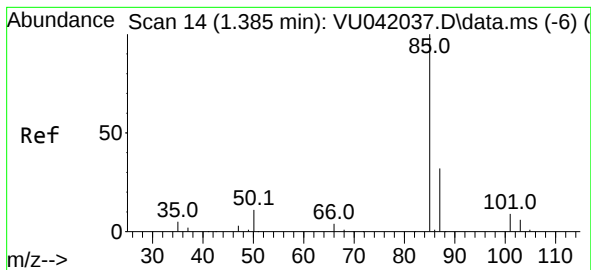
Instrument :
MSVOA_U
ClientSampleId :
BFXP7

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Quant Time: Jan 15 06:40:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
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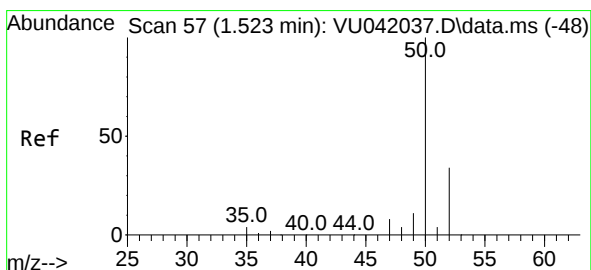
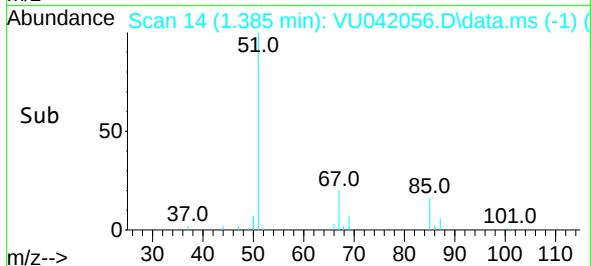
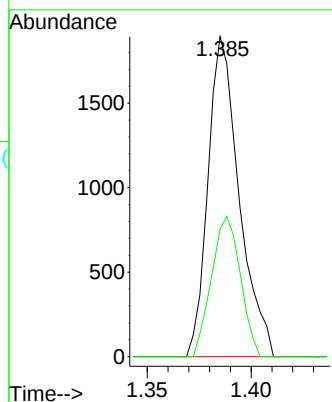
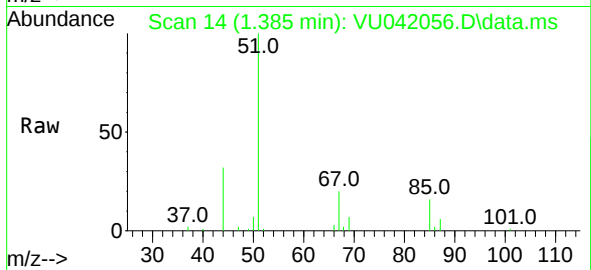
#2
Dichlorodifluoromethane
Concen: 0.16 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Tgt Ion: 85 Resp: 1968
Ion Ratio Lower Upper
85 100
87 40.5 25.7 38.5#

Instrument :
MSVOA_U
ClientSampleId :
BFXP7

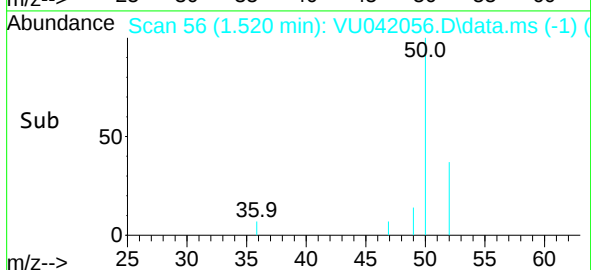
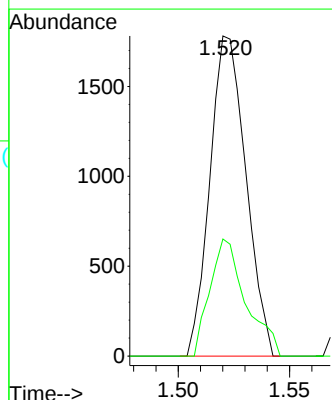
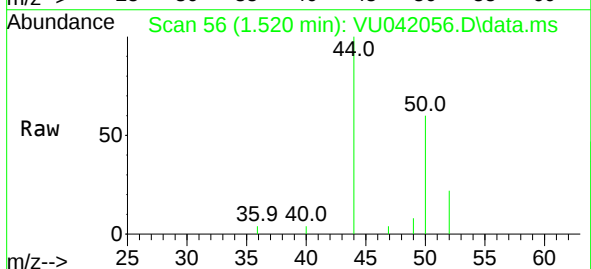
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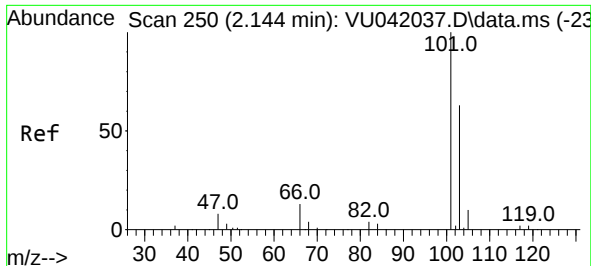
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#3
Chloromethane
Concen: 0.13 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Tgt Ion: 50 Resp: 1997
Ion Ratio Lower Upper
50 100
52 36.6 23.5 43.7





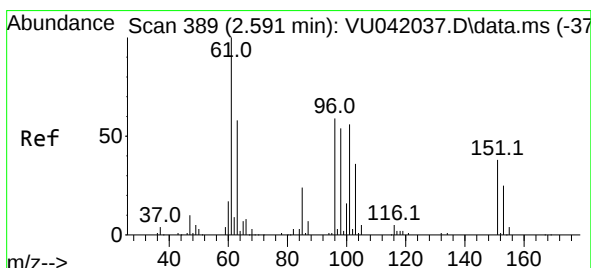
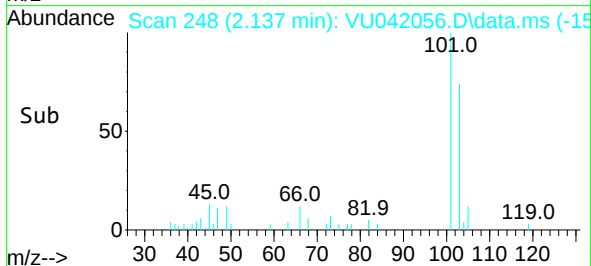
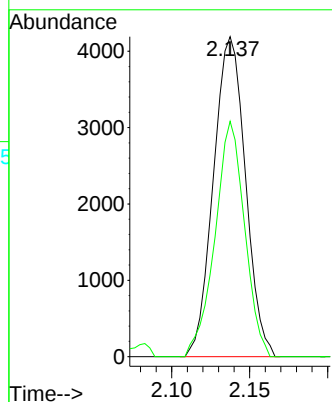
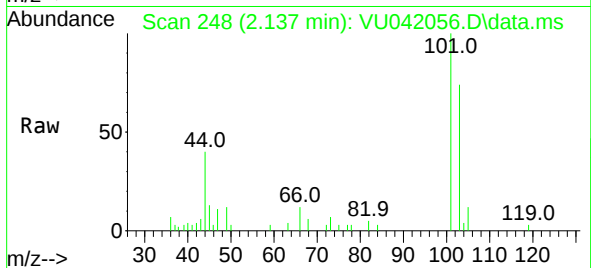
#9
Trichlorofluoromethane
Concen: 0.30 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.006 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Tgt Ion:101 Resp: 5978
Ion Ratio Lower Upper
101 100
103 68.0 51.6 77.4

Instrument :
MSVOA_U
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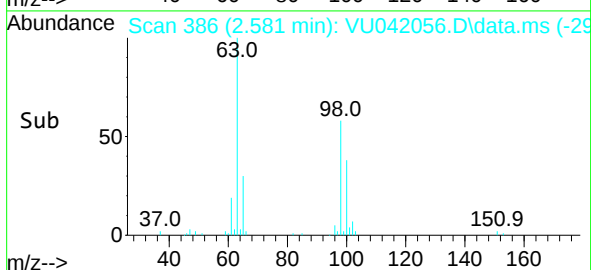
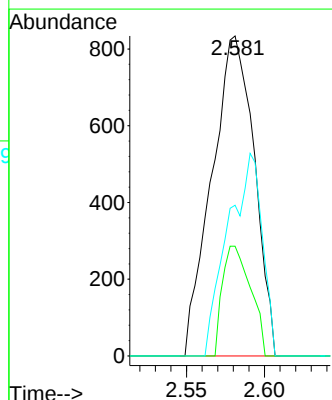
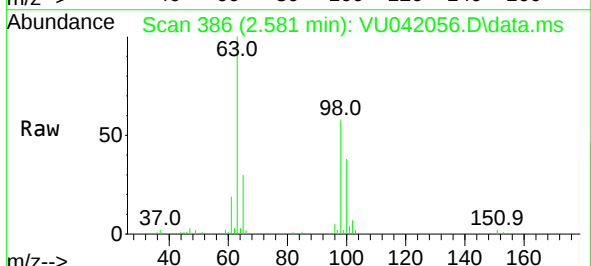
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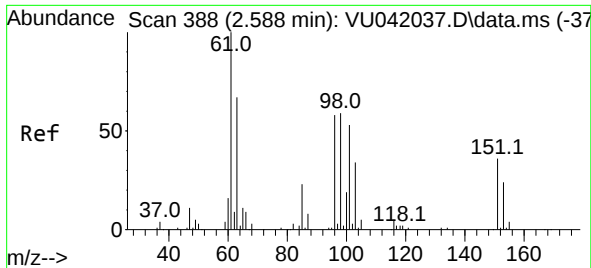
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#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.15 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Tgt Ion:101 Resp: 1579
Ion Ratio Lower Upper
101 100
85 22.7 35.9 53.9#
151 51.2 55.4 83.2#





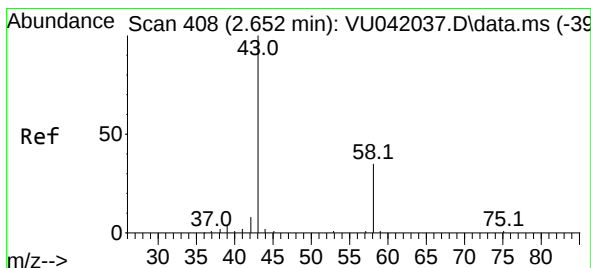
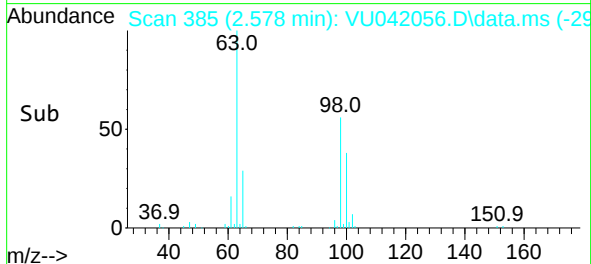
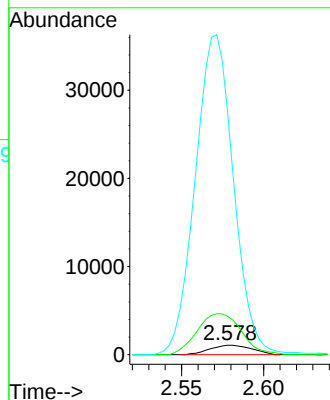
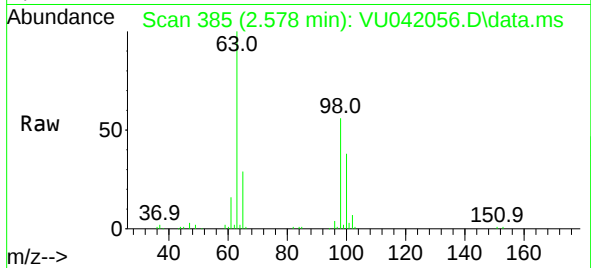
#12
1,1-Dichloroethene
Concen: 0.18 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Tgt Ion: 96 Resp: 1910
Ion Ratio Lower Upper
96 100
61 404.7 122.2 226.9#
63 2574.8 82.8 153.8#

Instrument :
MSVOA_U
ClientSampleId :
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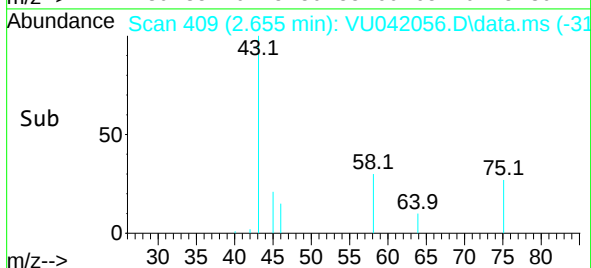
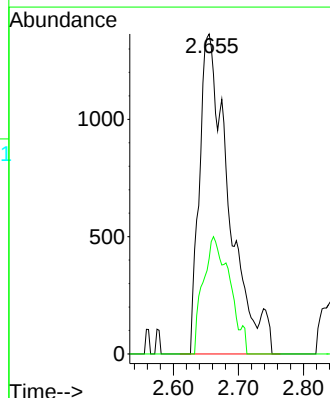
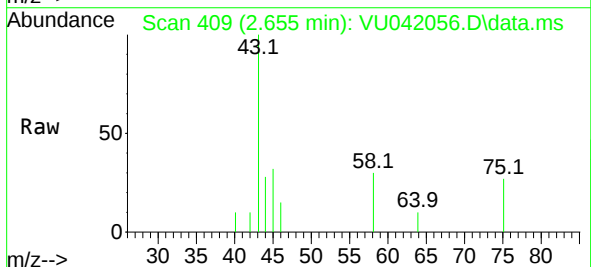
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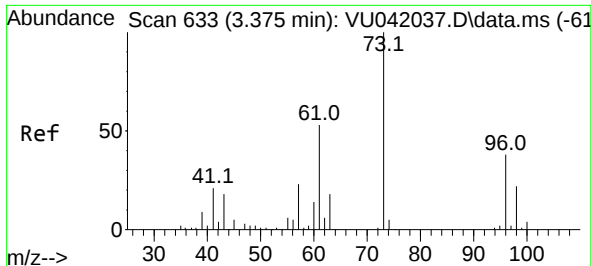
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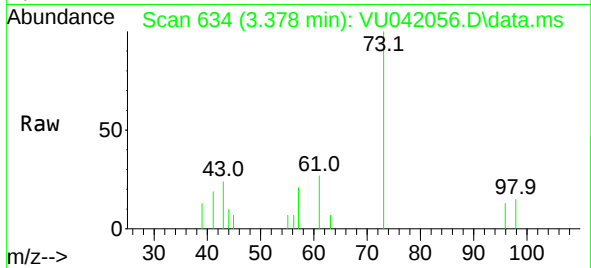
#13
Acetone
Concen: 2.01 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
58 33.0 0.0 57.4

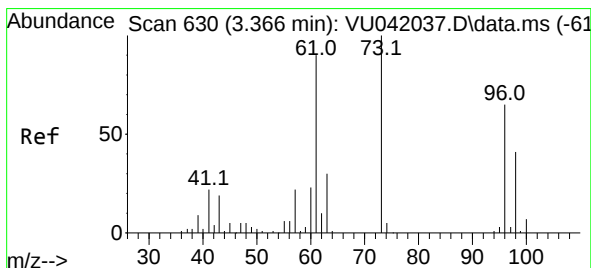
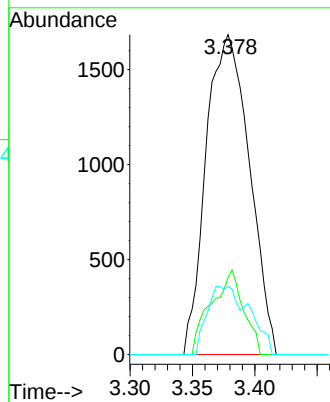
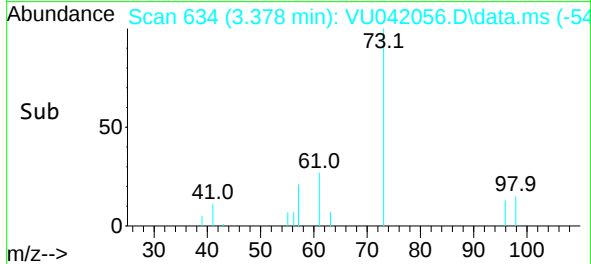




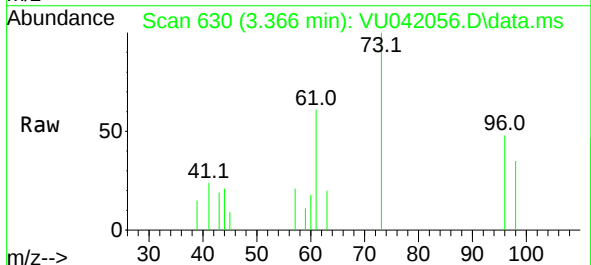
#17
Methyl tert-butyl Ether
Concen: 0.15 ug/L
RT: 3.378 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13



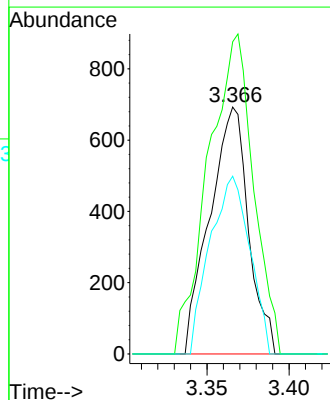
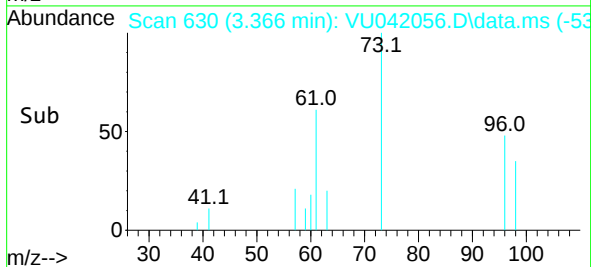
Tgt Ion: 73 Resp: 4067
Ion Ratio Lower Upper
73 100
43 19.9 15.1 22.7
57 14.7 18.0 27.0#



#18
trans-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13



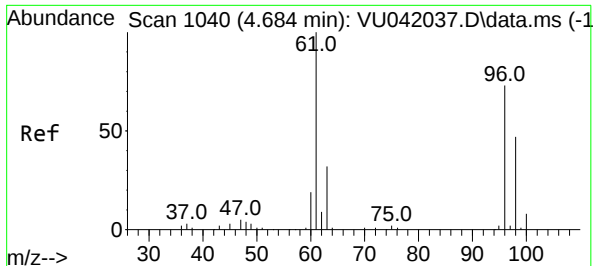
Tgt Ion: 96 Resp: 1139
Ion Ratio Lower Upper
96 100
61 126.4 103.2 191.6
98 72.0 43.8 81.3



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1/15/2021 3:28:39 PM



#22

cis-1,2-Dichloroethene

Concen: 5.39 ug/L

RT: 4.681 min Scan# 1039

Delta R.T. -0.003 min

Lab File: VU042056.D

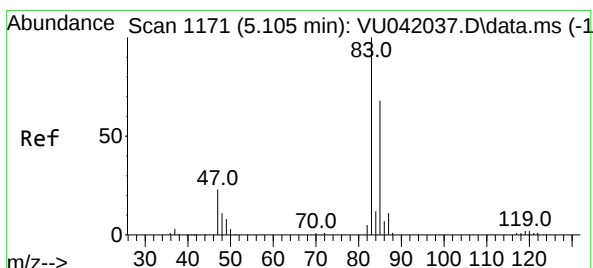
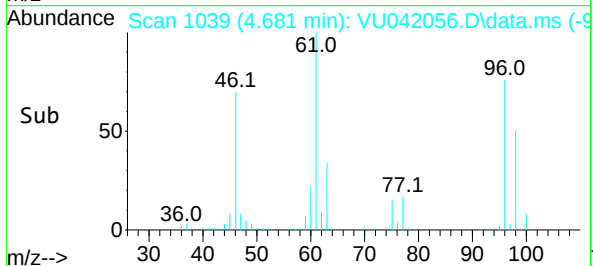
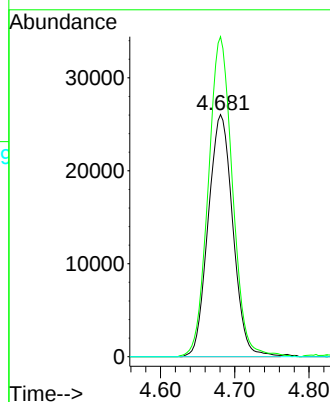
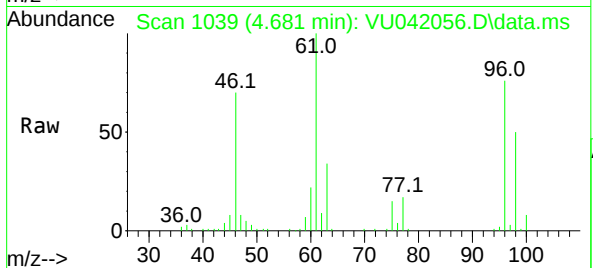
Acq: 15 Jan 2021 01:13

Tgt Ion:	96	Resp:	60014
Ion	Ratio	Lower	Upper
96	100		
61	132.1	100.3	186.3
68	0.0	0.0	0.0

Instrument :
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#25

Chloroform

Concen: 0.30 ug/L

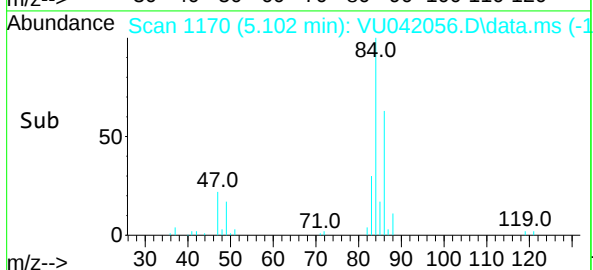
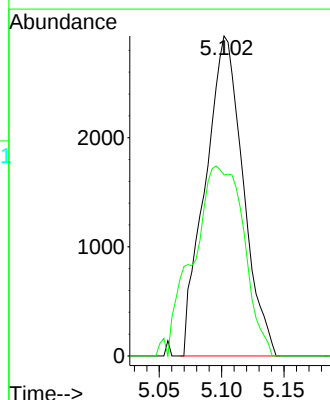
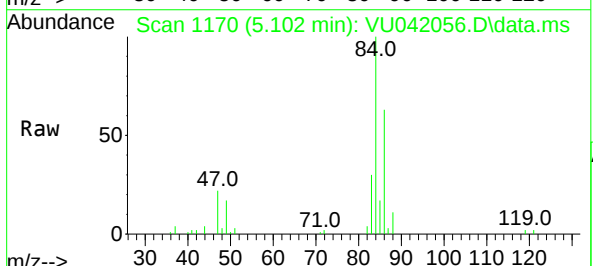
RT: 5.102 min Scan# 1170

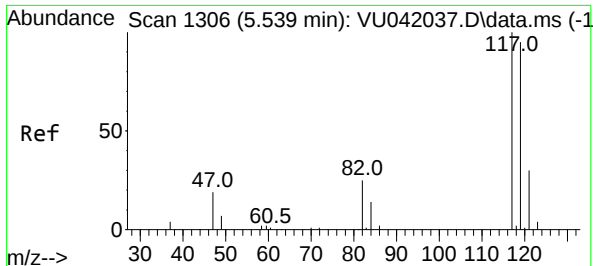
Delta R.T. -0.003 min

Lab File: VU042056.D

Acq: 15 Jan 2021 01:13

Tgt Ion:	83	Resp:	6176
Ion	Ratio	Lower	Upper
83	100		
85	56.5	46.1	85.7





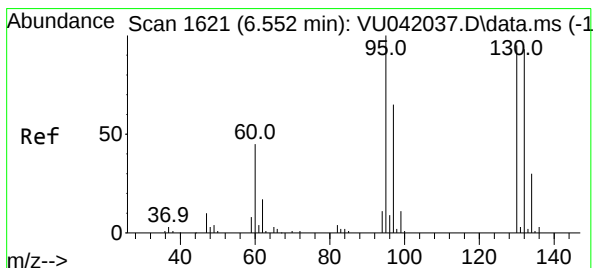
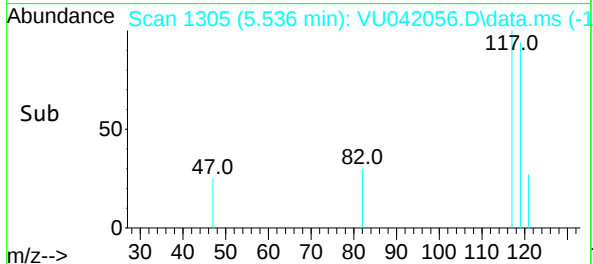
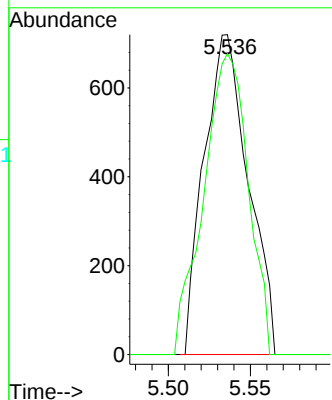
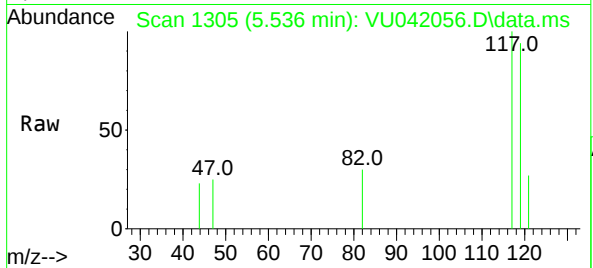
#31
Carbon tetrachloride
Concen: 0.10 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.003 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Instrument :
MSVOA_U
ClientSampled :
BFXP7

Tgt Ion:117 Resp: 1349
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8

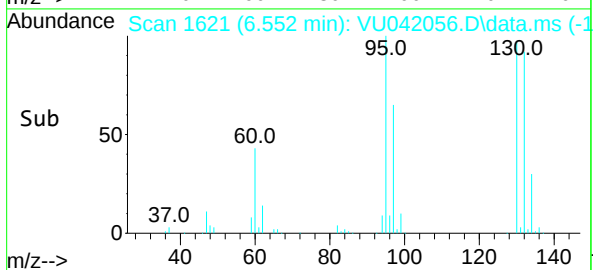
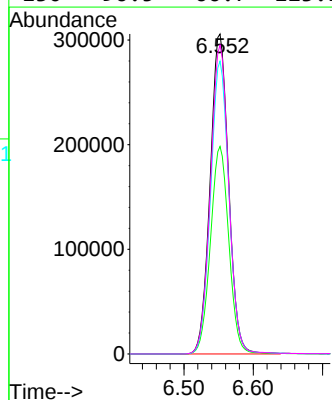
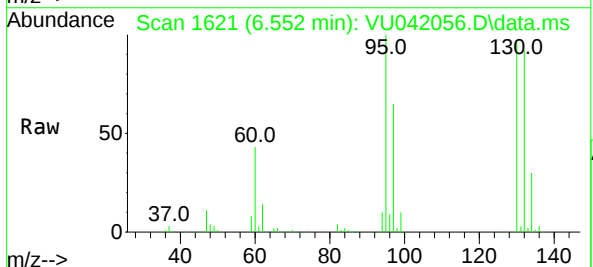
Manual Integrations
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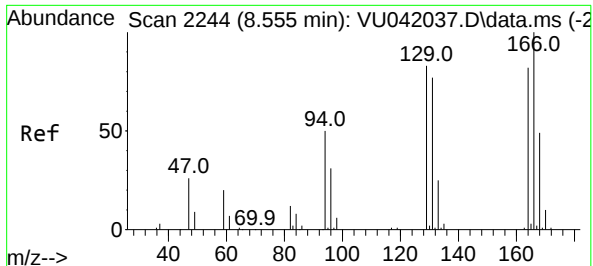
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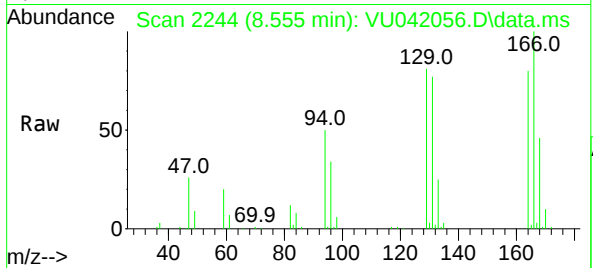
#34
Trichloroethene
Concen: 58.11 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13

Tgt Ion: 95 Resp: 564585
Ion Ratio Lower Upper
95 100
97 64.8 43.6 81.0
132 91.5 64.3 119.3
130 96.5 66.7 123.9

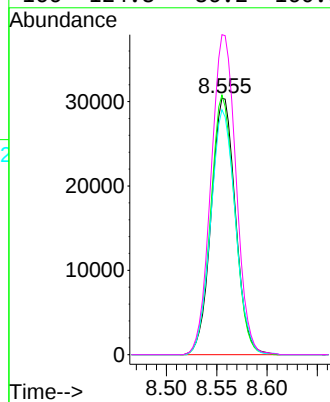
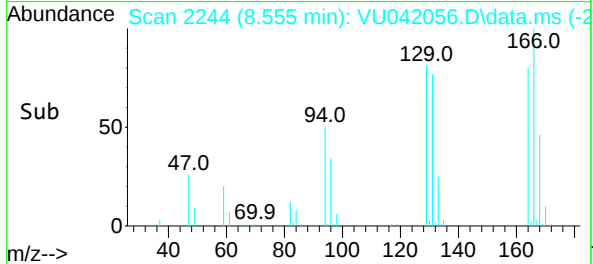




#47
Tetrachloroethene
Concen: 8.10 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042056.D
Acq: 15 Jan 2021 01:13



Tgt Ion:	164	Resp:	50988
Ion	Ratio	Lower	Upper
164	100		
129	101.3	68.7	127.5
131	95.5	65.2	121.0
166	124.8	86.2	160.0



Instrument :
MSVOA_U
ClientSampleId :
BFXP7

Manual Integrations
APPROVED

MMDadoda
1/15/2021 3:28:39 PM