

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041932.D
 Acq On : 11 Jan 2021 19:54
 Operator : SY/MD
 Sample : M1026-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ9

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 11:52:44 AM

Quant Time: Jan 12 05:28:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45507	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.92	69	45459	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	64968	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.65	46	155563	55.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.94%
24) Chloroform-d	5.08	84	83195	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.72	65	50698	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	165629	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.70	67	53715	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.90	98	134704	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.18	79	20649	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	123560	56.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47778	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49904	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	1536	0.133	ug/L	98
9) Trichlorofluoromethane	2.15	101	37478	2.124	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1469	0.153	ug/L #	63
13) Acetone	2.65	43	4450m	2.443	ug/L	
16) Methylene chloride	3.06	84	2226	0.189	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	12782	0.570	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	4672	0.515	ug/L	94
19) 1,1-Dichloroethane	3.89	63	2728	0.160	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	17841	1.841	ug/L	87
29) 1,1,1-Trichloroethane	5.33	97	3077	0.212	ug/L	91
34) Trichloroethene	6.55	95	88274	9.398	ug/L	97
47) Tetrachloroethene	8.56	164	15219	2.328	ug/L	97

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

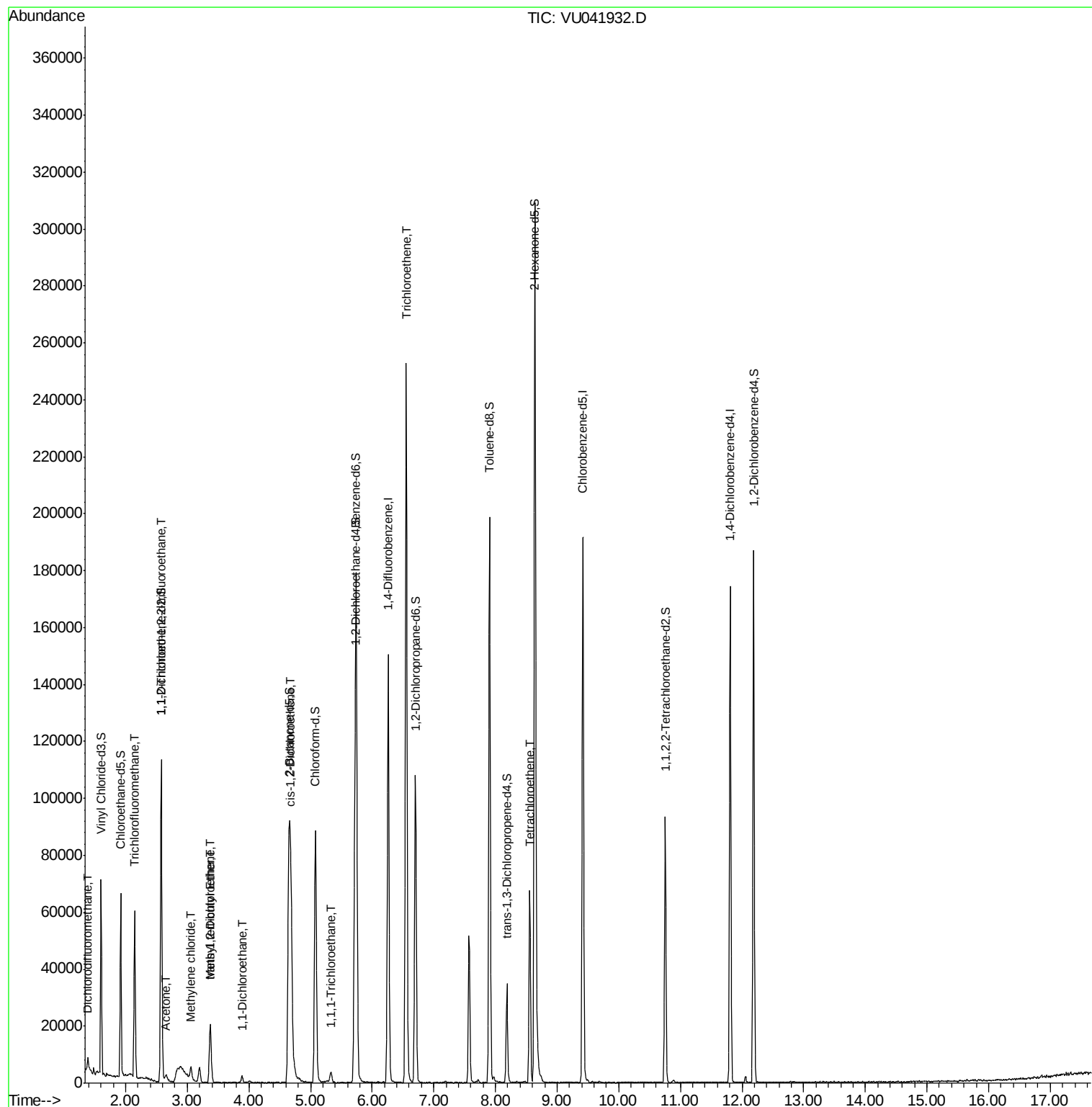
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
Data File : VU041932.D
Acq On : 11 Jan 2021 19:54
Operator : SY/MD
Sample : M1026-02
Misc : 25.0mL/MSVOA U/WATER
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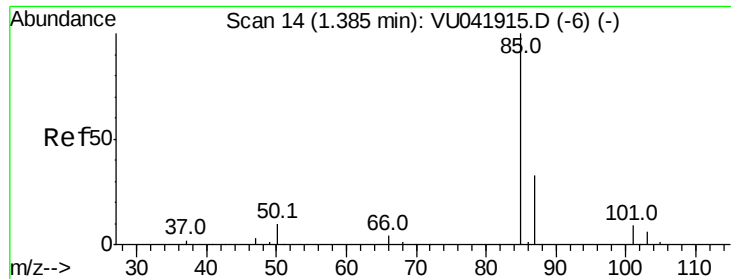
Instrument :
MSVOA_U
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Quant Time: Jan 12 05:28:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.133 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041932.D

Acq: 11 Jan 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :

BFXJ9

Tot Ion: 85 Resp: 1536

Ion Ratio Lower Upper

85 100

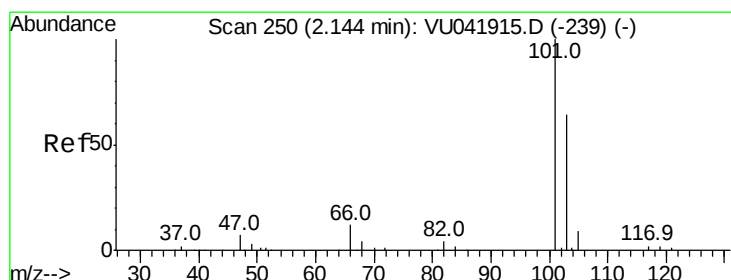
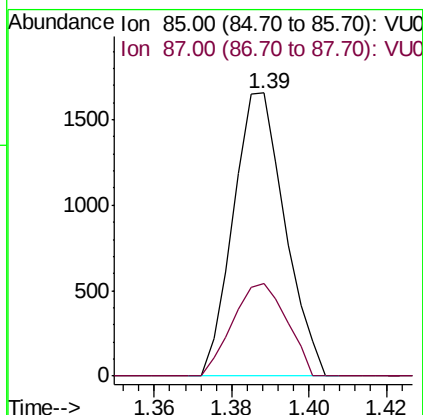
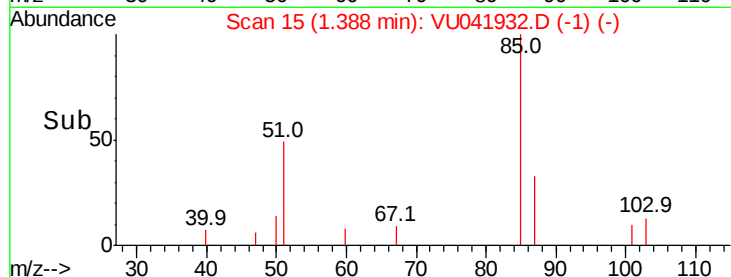
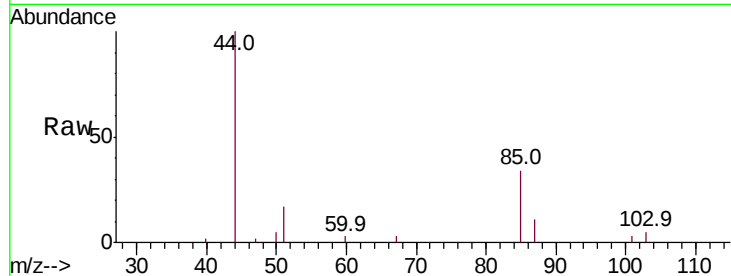
87 34.2 26.3 39.5

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#9

Trichlorofluoromethane

Concen: 2.124 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041932.D

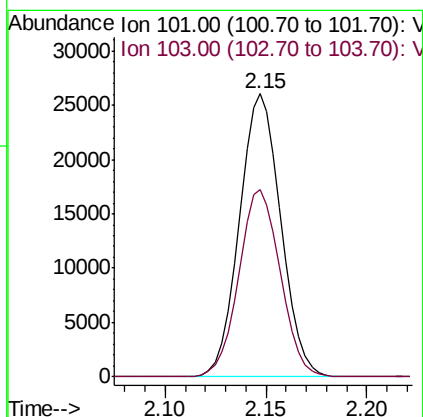
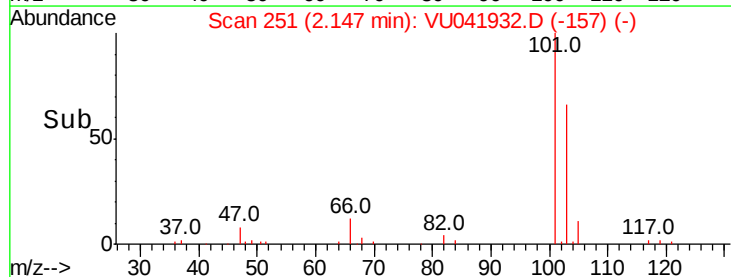
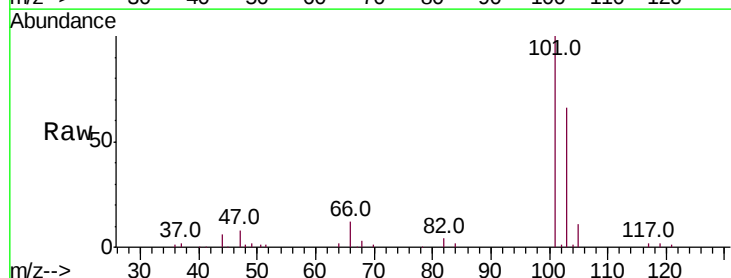
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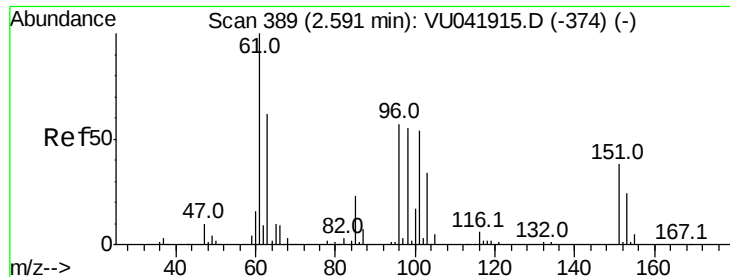
Tgt Ion: 101 Resp: 37478

Ion Ratio Lower Upper

101 100

103 66.2 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.153 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041932.D

Acq: 11 Jan 2021 19:54

Instrument :

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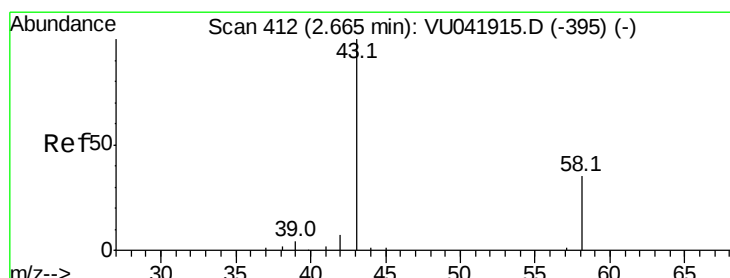
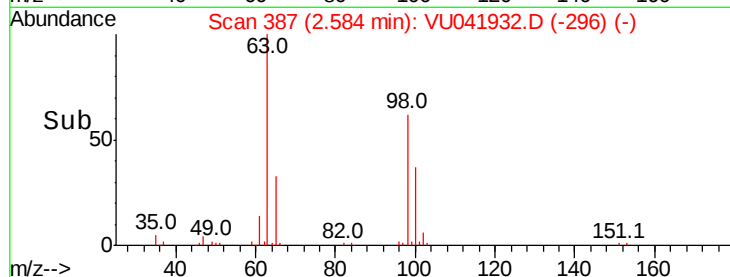
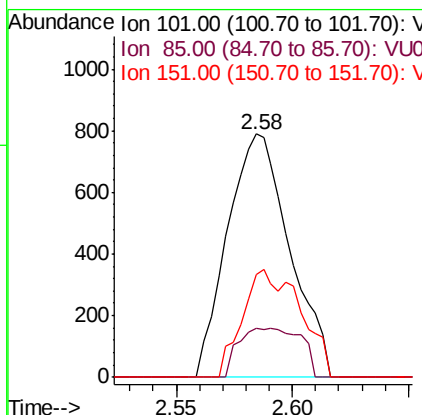
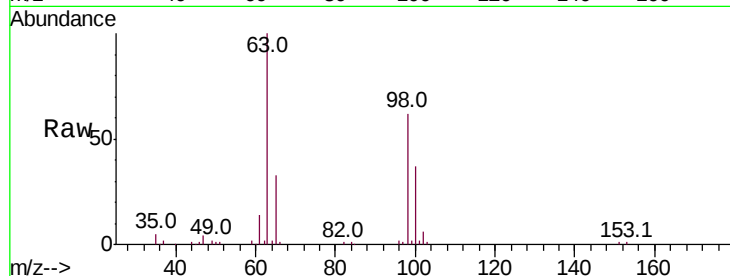
ClientSampleId :

BFXJ9

Tot Ion:	101	Resp:	1469
Ion Ratio	Lower	Upper	
101	100		
85	20.1	35.1	52.7#
151	41.3	58.2	87.2#

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#13

Acetone

Concen: 2.443 ug/L m

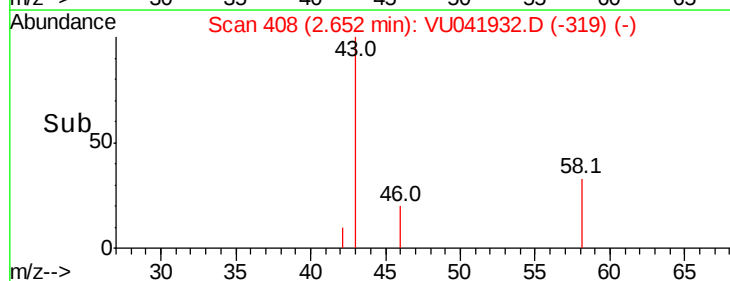
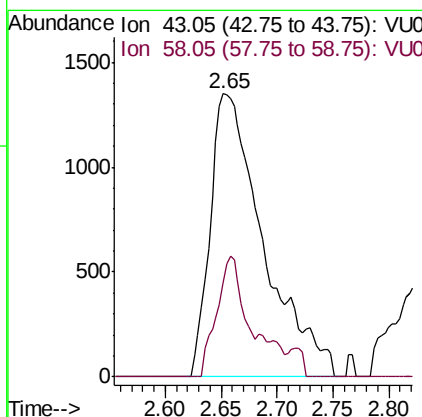
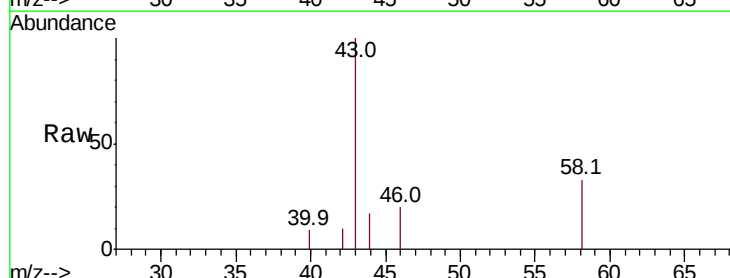
RT: 2.65 min Scan# 408

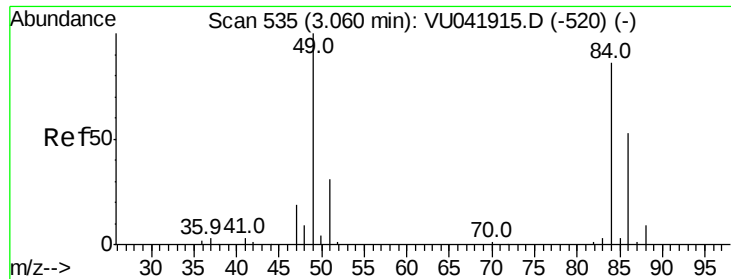
Delta R.T. -0.01 min

Lab File: VU041932.D

Acq: 11 Jan 2021 19:54

Tgt Ion:	43	Resp:	4450
Ion Ratio	Lower	Upper	
43	100		
58	2.3	0.0	23.6





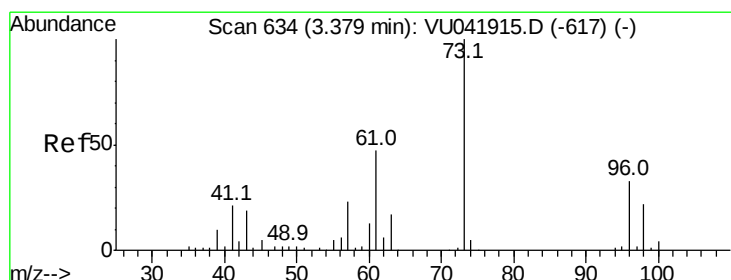
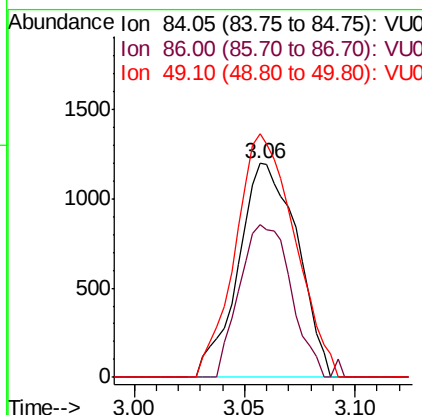
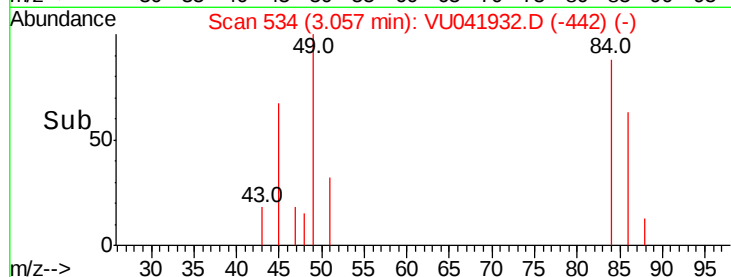
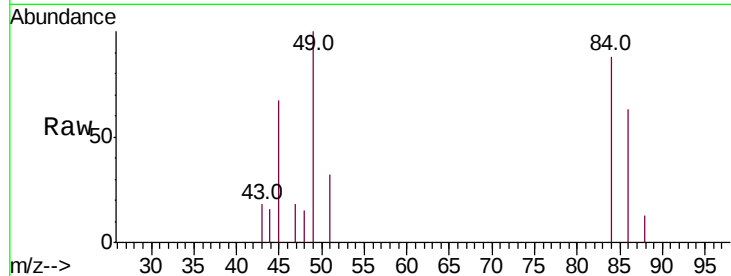
#16
Methylene chloride
Concen: 0.189 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041932.D
Acq: 11 Jan 2021 19:54

Instrument :
MSVOA_U
ClientSampleId :
BFXJ9

Tot Ion: 84 Resp: 2226
Ion Ratio Lower Upper
84 100
86 71.6 43.5 80.7
49 113.9 81.8 151.8

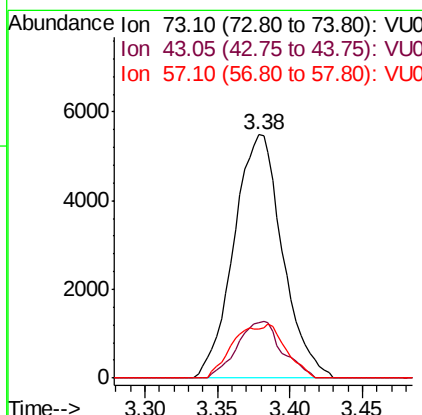
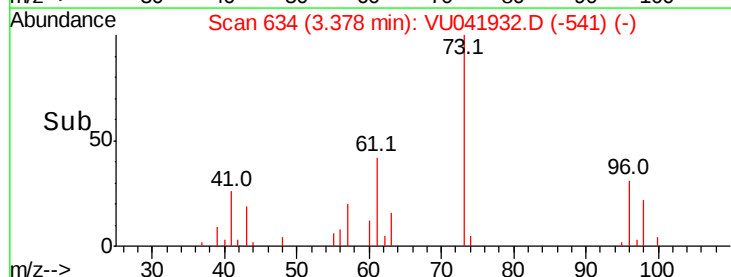
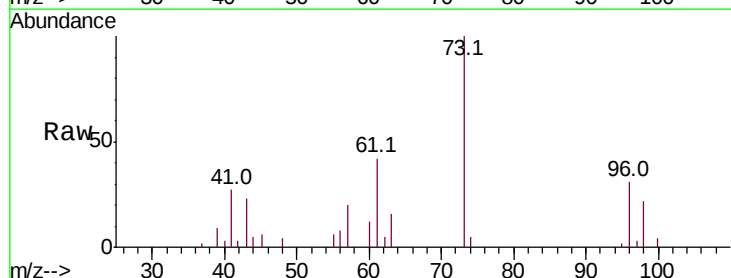
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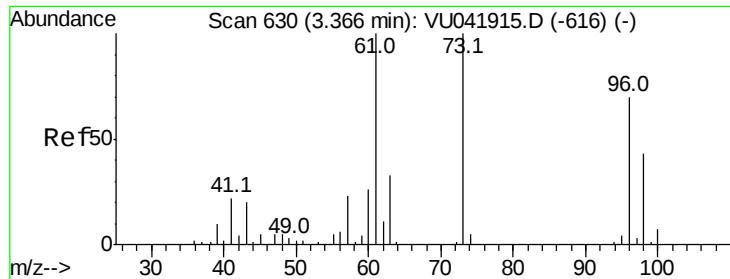
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#17
Methyl tert-butyl Ether
Concen: 0.570 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041932.D
Acq: 11 Jan 2021 19:54

Tgt Ion: 73 Resp: 12782
Ion Ratio Lower Upper
73 100
43 21.5 15.8 23.8
57 23.7 18.3 27.5





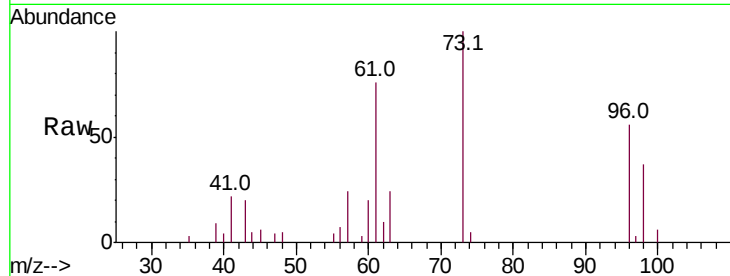
#18
trans-1,2-Dichloroethene
Concen: 0.515 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU041932.D
Acq: 11 Jan 2021 19:54

Instrument :
MSVOA_U
ClientSampled :
BFXJ9

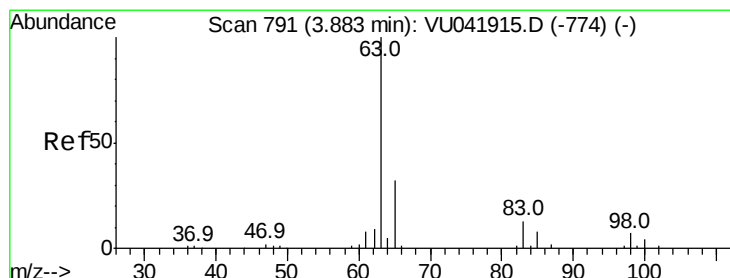
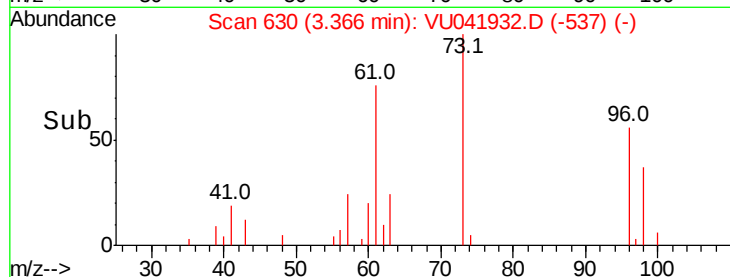
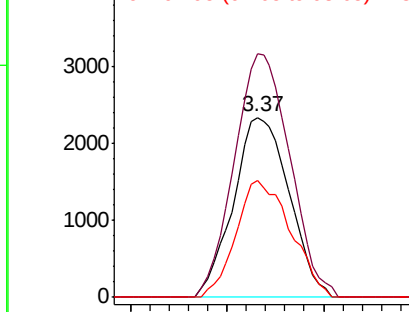
Tot Ion: 96 Resp: 4672
Ion Ratio Lower Upper
96 100
61 135.1 100.7 187.1
98 65.2 43.0 80.0

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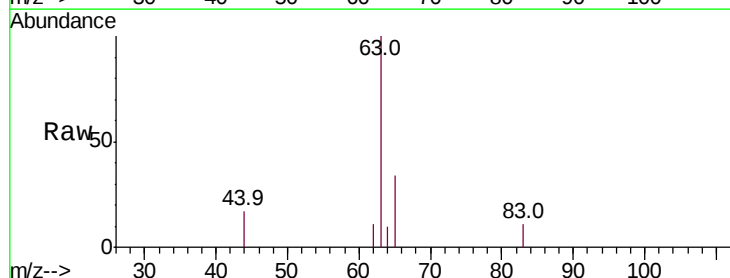


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

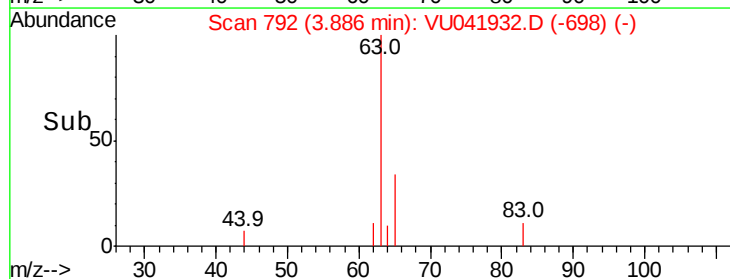
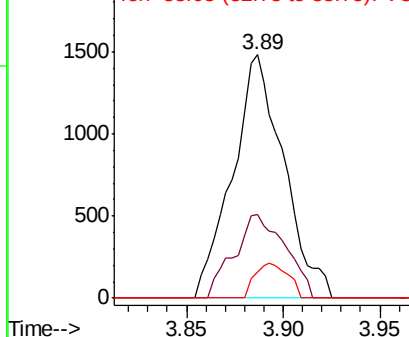


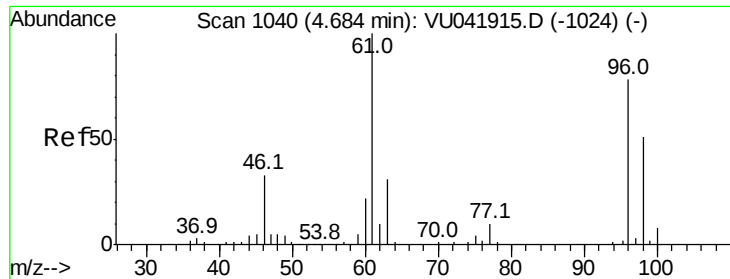
#19
1,1-Dichloroethane
Concen: 0.160 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.00 min
Lab File: VU041932.D
Acq: 11 Jan 2021 19:54

Tgt Ion: 63 Resp: 2728
Ion Ratio Lower Upper
63 100
65 34.1 22.3 41.5
83 10.8 9.0 16.8



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





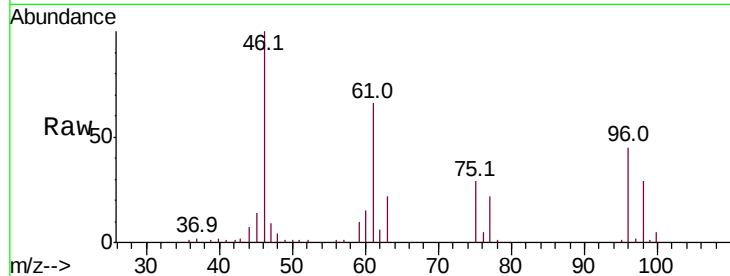
#22
 cis-1,2-Dichloroethene
 Concen: 1.841 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU041932.D
 Acq: 11 Jan 2021 19:54

Instrument :
 MSVOA_U
 ClientSampled :
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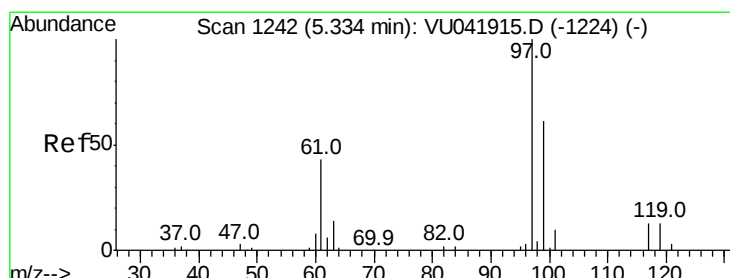
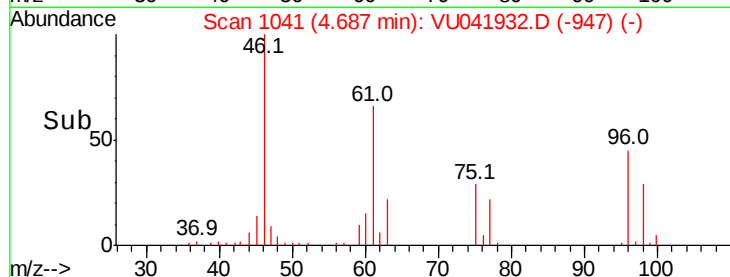
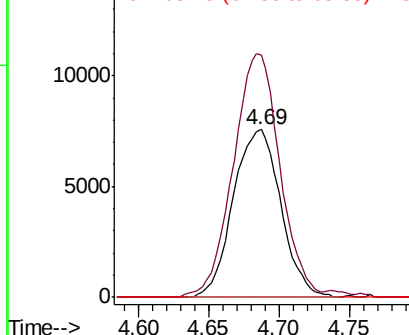
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	90.3	167.7
68	0.0	0.0	0.0

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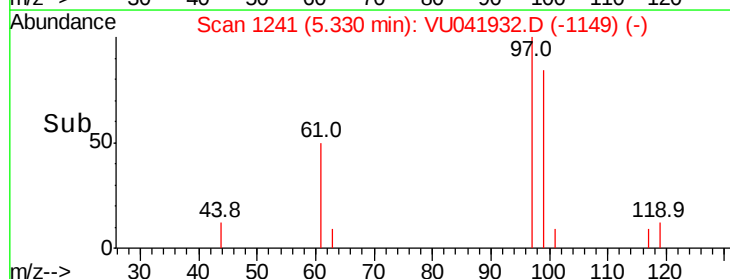
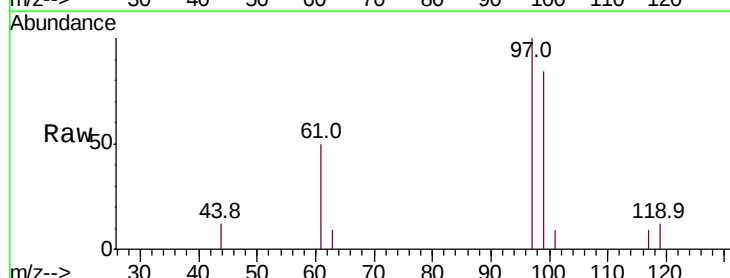
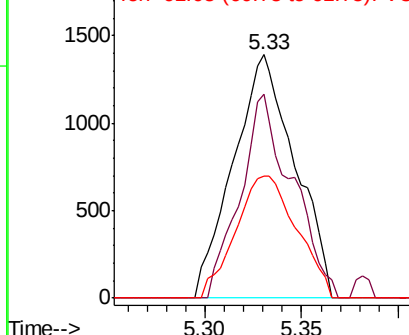
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

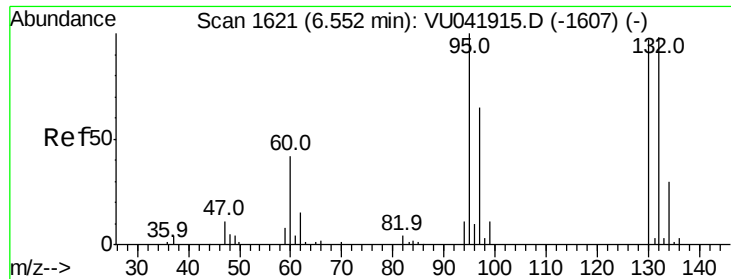


#29
 1,1,1-Trichloroethane
 Concen: 0.212 ug/L
 RT: 5.33 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VU041932.D
 Acq: 11 Jan 2021 19:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	71.1	51.4	77.2
61	49.8	35.3	52.9

Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0





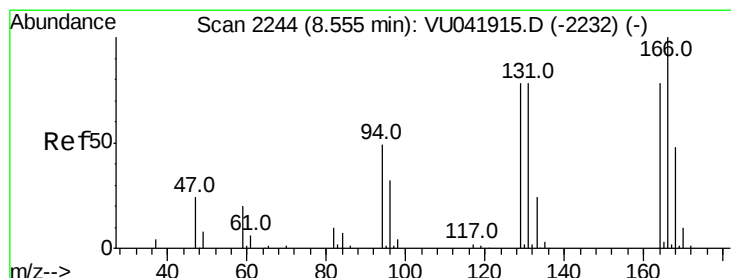
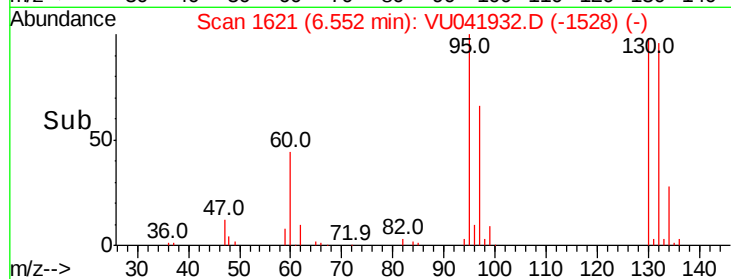
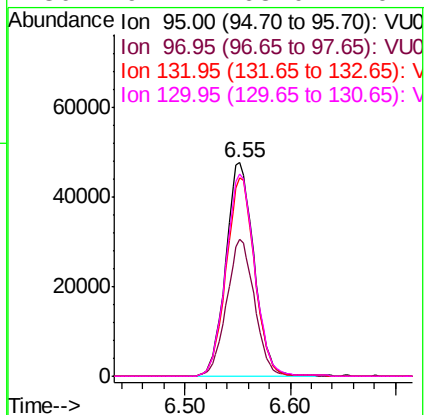
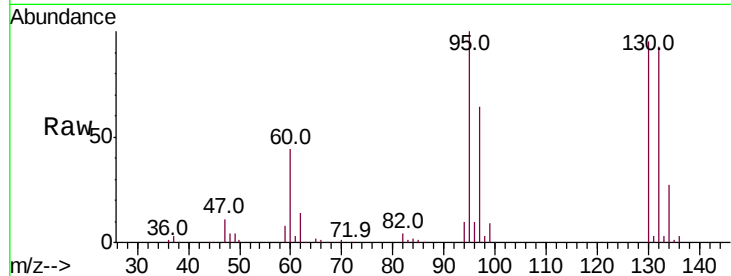
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 Trichloroethene
 Concen: 9.398 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041932.D
 Acq: 11 Jan 2021 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ9

Tot Ion	Ion	Ratio	Lower	Upper
95	100			
97	64.4	45.2	84.0	
132	93.1	68.7	127.5	
130	94.7	68.0	126.4	

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#47
 Tetrachloroethene
 Concen: 2.328 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041932.D
 Acq: 11 Jan 2021 19:54

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
129	99.6	69.2	128.6	
131	95.3	69.7	129.5	
166	124.0	89.2	165.8	

