

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041874.D
 Acq On : 07 Jan 2021 15:53
 Operator : SY/MD
 Sample : M1026-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK1

Manual Integrations
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 1/11/2021 1:41:46 PM

Quant Time: Jan 08 05:37:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 04:58:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	170860	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	160153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45679	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.92	69	48224	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	71295	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.65	46	187374	48.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	5.08	84	105703	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.72	65	61704	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	205087	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	69571	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.90	98	165234	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.19	79	24810	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.64	63	144905	41.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56411	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	59390	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.39	85	6348	0.439	ug/L	93
3) Chloromethane	1.52	50	685	0.049	ug/L	86
9) Trichlorofluoromethane	2.15	101	847	0.043	ug/L	92
13) Acetone	2.66	43	4708	1.929	ug/L	51
17) Methyl tert-butyl Ether	3.38	73	6790	0.220	ug/L #	89
18) trans-1,2-Dichloroethene	3.37	96	7599	0.634	ug/L	88
19) 1,1-Dichloroethane	3.89	63	2471m	0.110	ug/L	
22) cis-1,2-Dichloroethene	4.68	96	24353	1.838	ug/L	98
33) Benzene	5.79	78	2157	0.042	ug/L	100
34) Trichloroethene	6.55	95	136960	10.641	ug/L	99
47) Tetrachloroethene	8.56	164	18043	2.003	ug/L	96

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

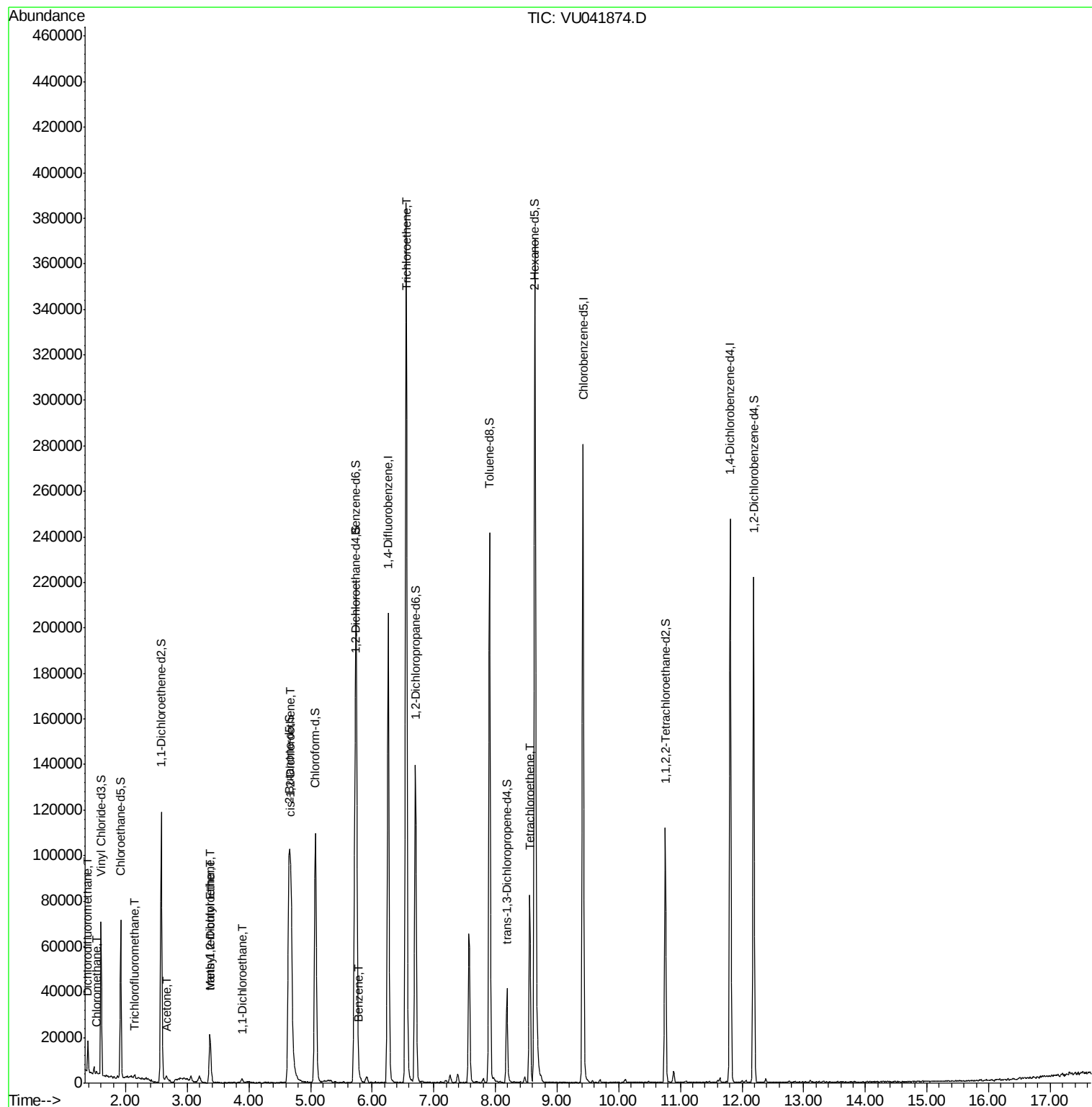
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041874.D
Acq On : 07 Jan 2021 15:53
Operator : SY/MD
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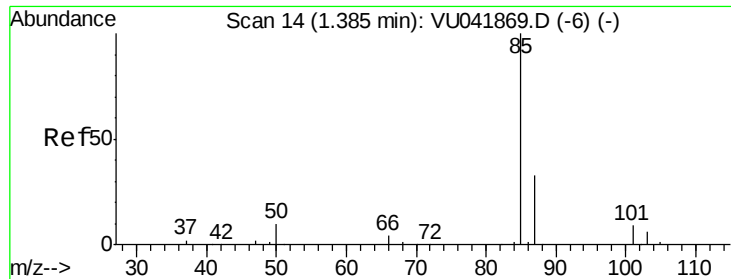
Instrument :
MSVOA_U
ClientSampleId :
BFXK1

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Quant Time: Jan 08 05:37:59 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 08 04:58:19 2021
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.439 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041874.D

Acq: 07 Jan 2021 15:53

Instrument :

MSVOA_U

ClientSampleId :

BFXK1

Tgt Ion: 85 Resp: 6348

Ion Ratio Lower Upper

85 100

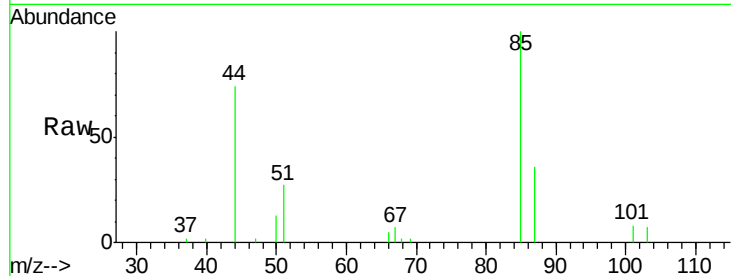
87 36.4 25.8 38.6

Manual Integrations

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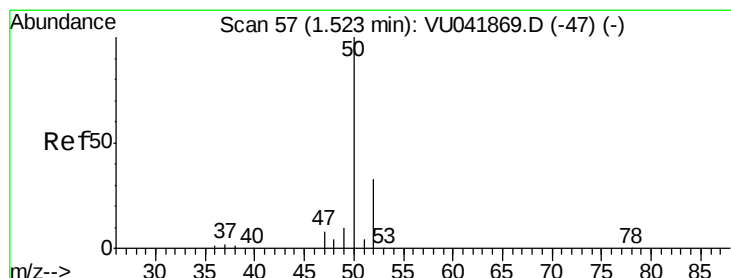
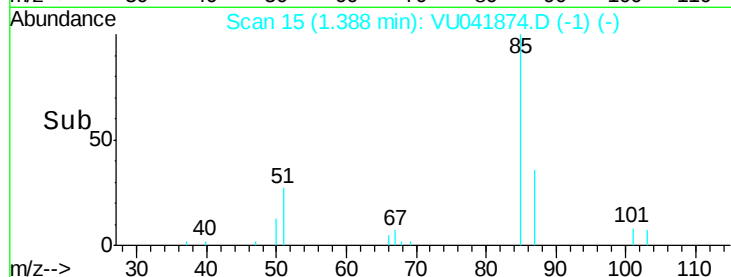
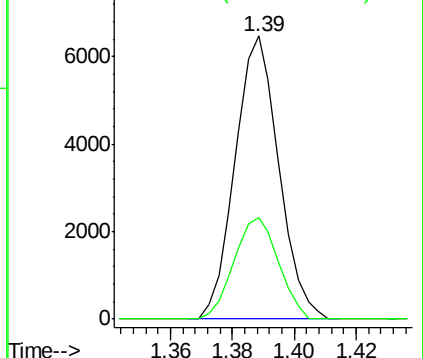
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Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.049 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041874.D

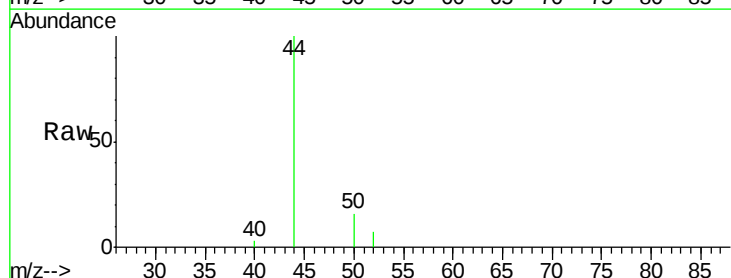
Acq: 07 Jan 2021 15:53

Tgt Ion: 50 Resp: 685

Ion Ratio Lower Upper

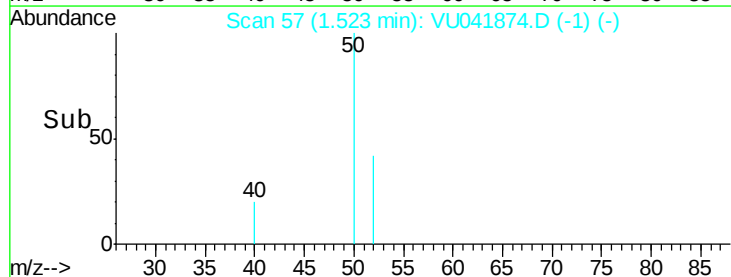
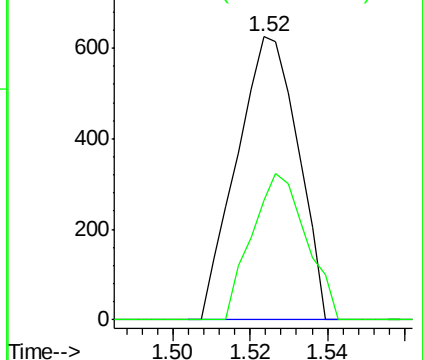
50 100

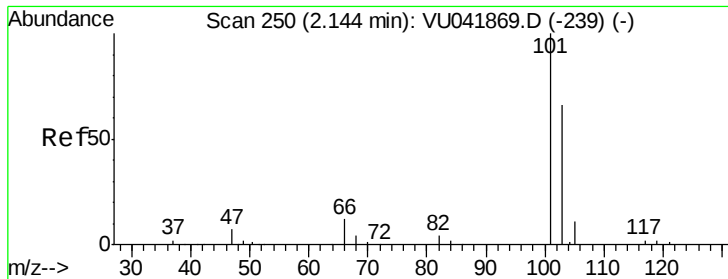
52 42.4 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





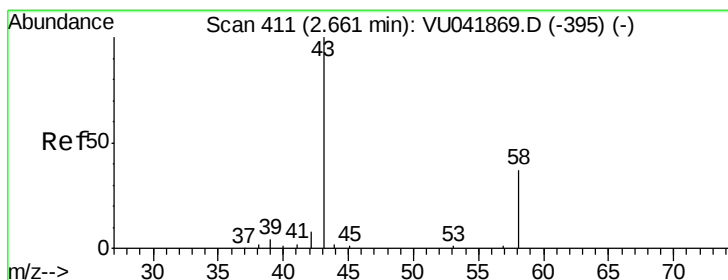
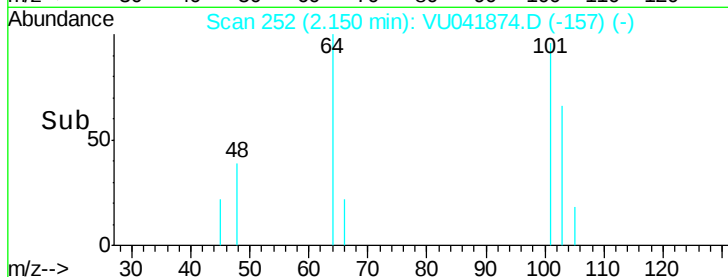
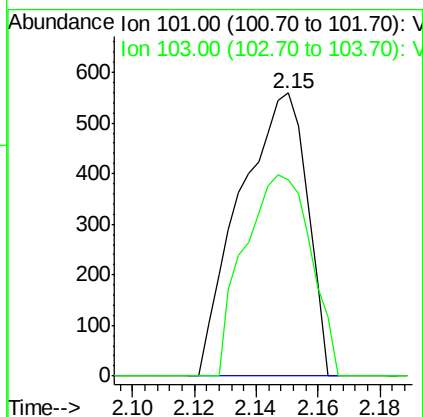
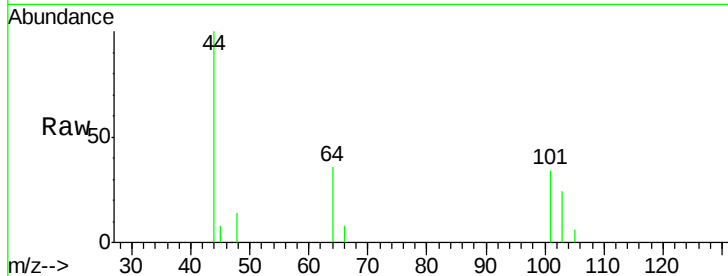
#9
 Trichlorofluoromethane
 Concen: 0.043 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VU041874.D
 Acq: 07 Jan 2021 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK1

Tgt Ion: 101 Resp: 847
 Ion Ratio Lower Upper
 101 100
 103 70.4 51.1 76.7

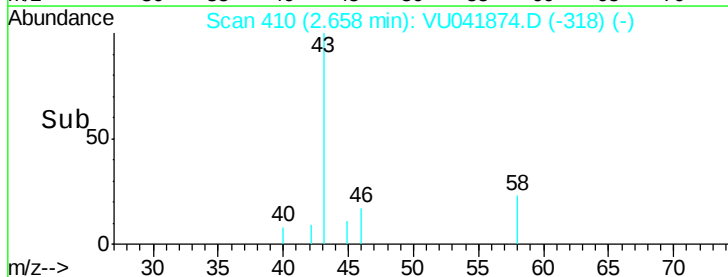
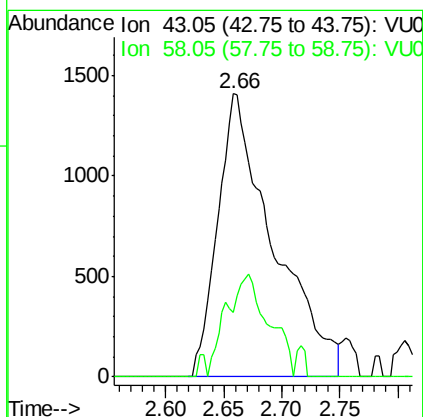
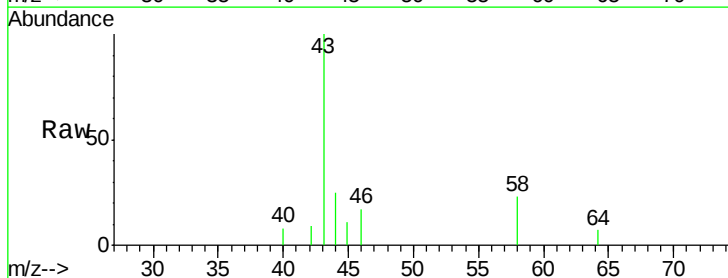
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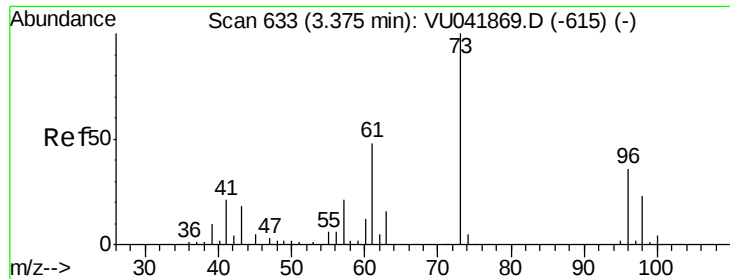
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#13
 Acetone
 Concen: 1.929 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU041874.D
 Acq: 07 Jan 2021 15:53

Tgt Ion: 43 Resp: 4708
 Ion Ratio Lower Upper
 43 100
 58 7.4 0.0 73.2





#17

Methyl tert-butyl Ether

Concen: 0.220 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041874.D

Acq: 07 Jan 2021 15:53

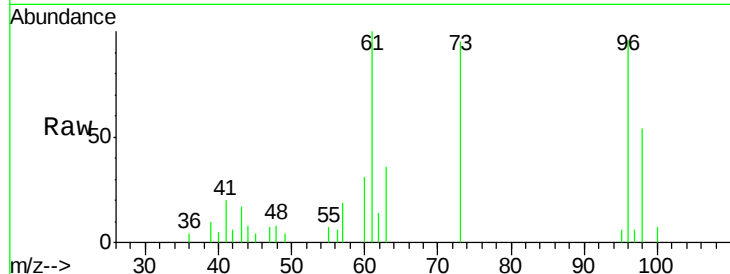
Instrument :
MSVOA_U
ClientSampleId :
BFXK1

Tgt Ion: 73 Resp: 6790

Ion	Ratio	Lower	Upper
73	100		
43	10.0	14.7	22.1#
57	20.8	18.2	27.4

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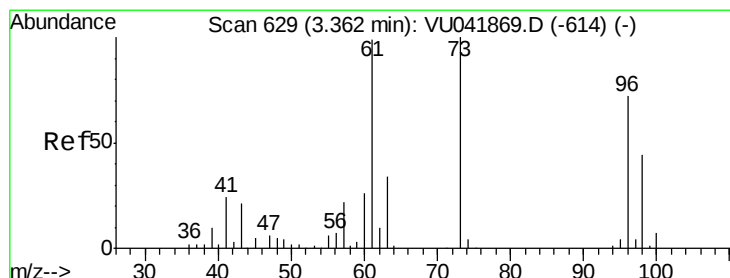
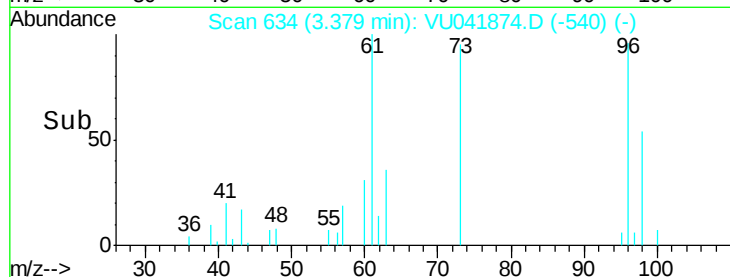
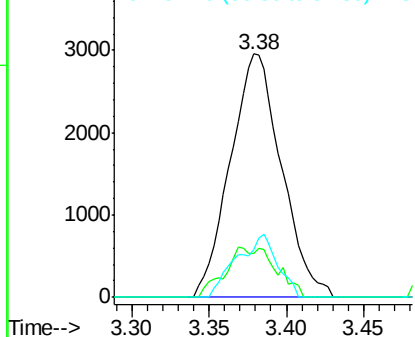
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Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.634 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.01 min

Lab File: VU041874.D

Acq: 07 Jan 2021 15:53

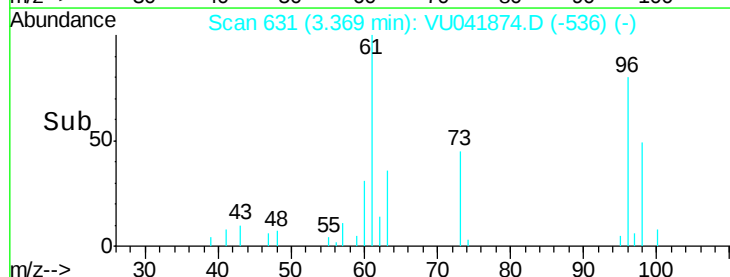
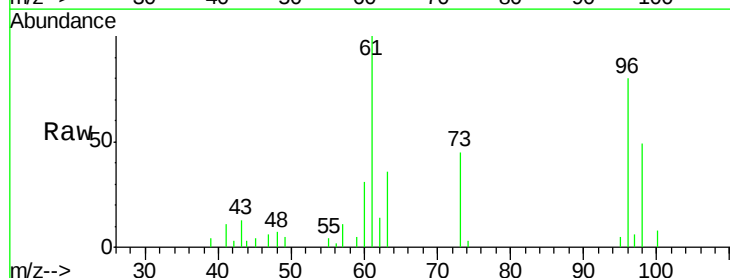
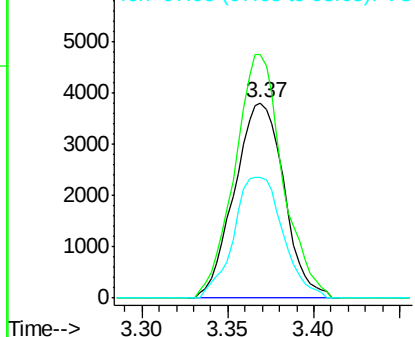
Tgt Ion: 96 Resp: 7599

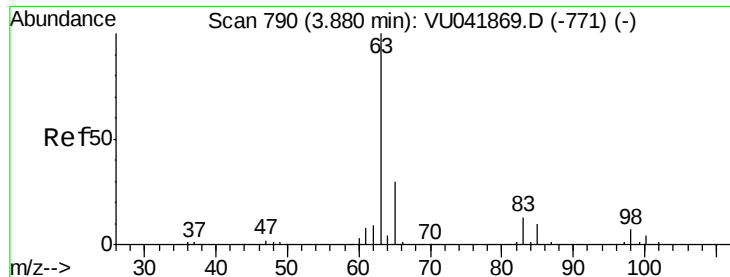
Ion	Ratio	Lower	Upper
96	100		
61	124.8	101.8	189.0
98	61.7	44.4	82.5

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





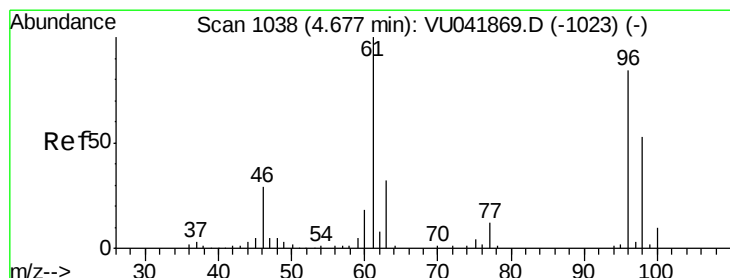
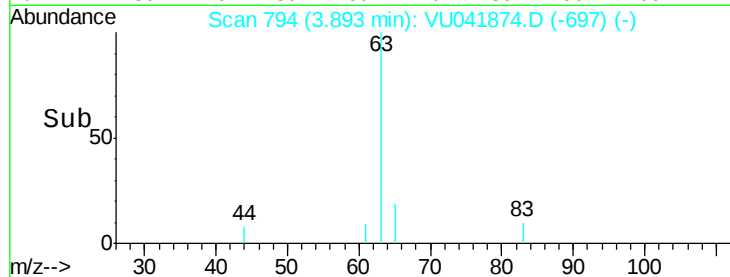
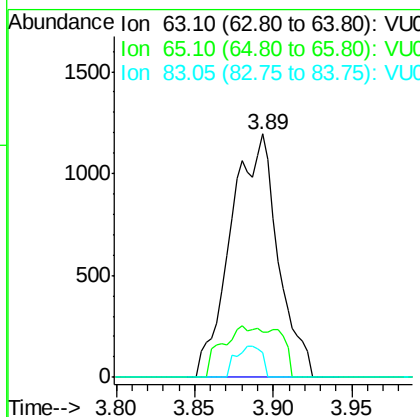
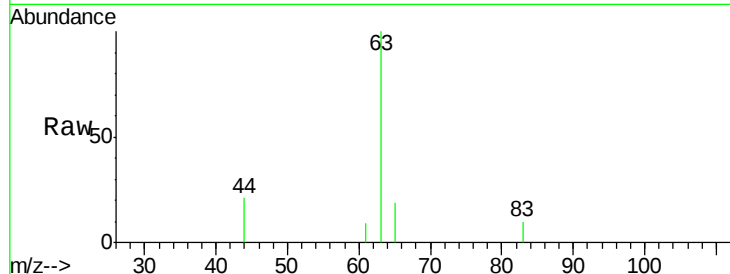
#19
 1,1-Dichloroethane
 Concen: 0.110 ug/L m
 RT: 3.89 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: VU041874.D
 Acq: 07 Jan 2021 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
63	100		
65	18.6	21.3	39.6#
83	10.4	9.3	17.3

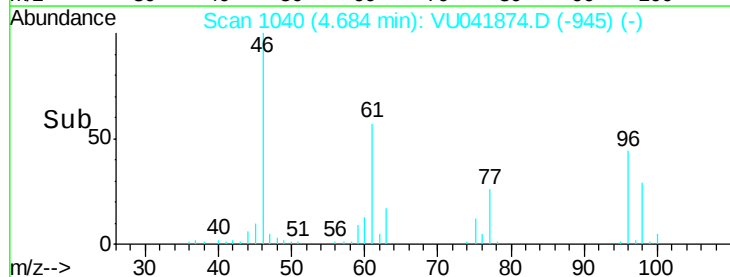
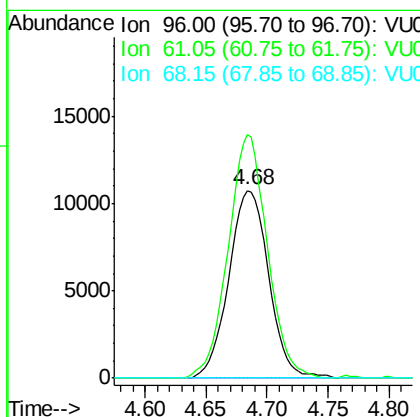
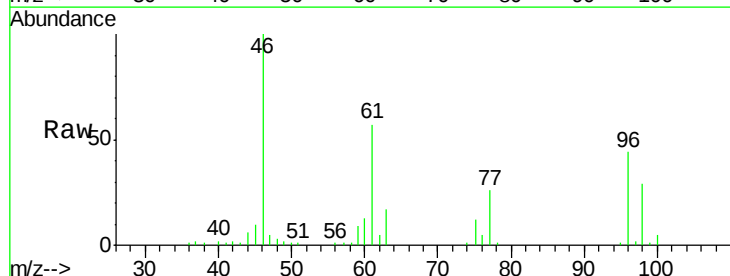
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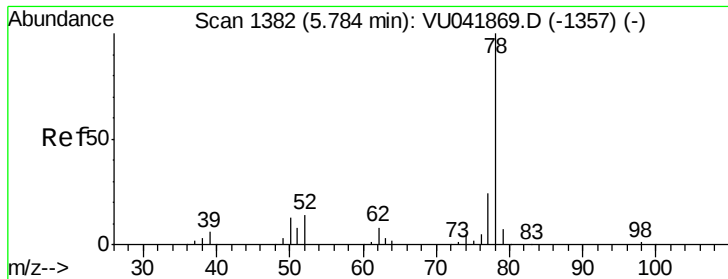
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#22
 cis-1,2-Dichloroethene
 Concen: 1.838 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: VU041874.D
 Acq: 07 Jan 2021 15:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.6	88.8	165.0
68	0.0	0.0	0.0





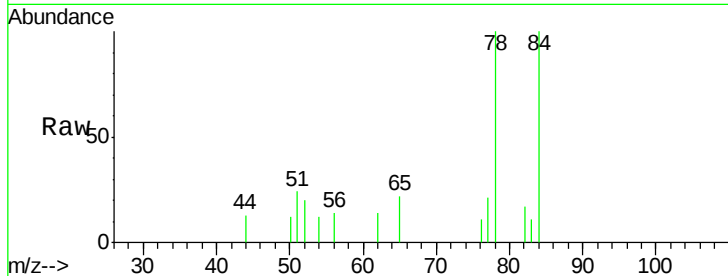
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Benzene
Concen: 0.042 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU041874.D
Acq: 07 Jan 2021 15:53

Instrument :
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ClientSampleId :
BFXK1

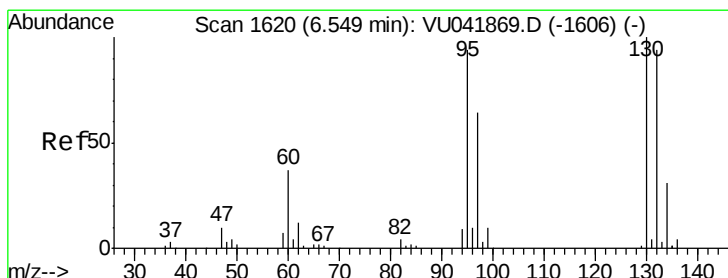
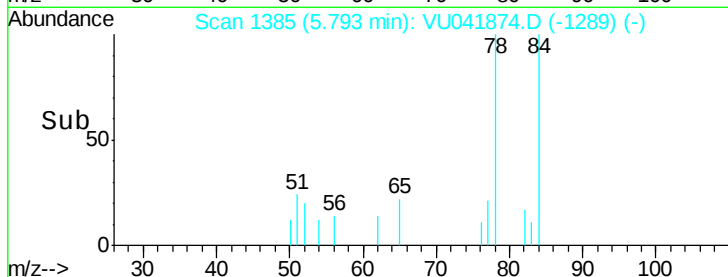
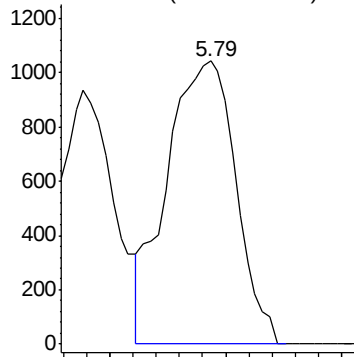
Tgt Ion: 78 Resp: 2157

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Abundance Ion 78.10 (77.80 to 78.80): VU0

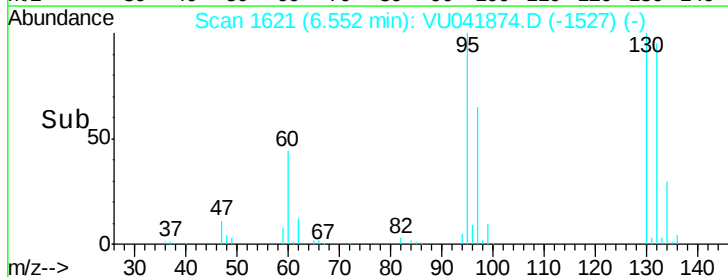
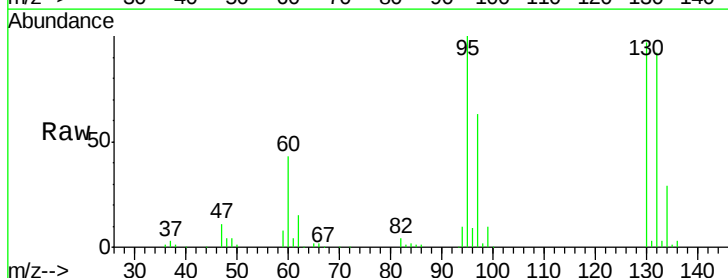
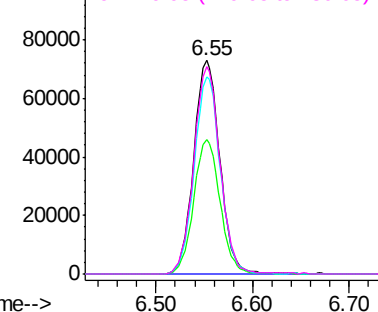


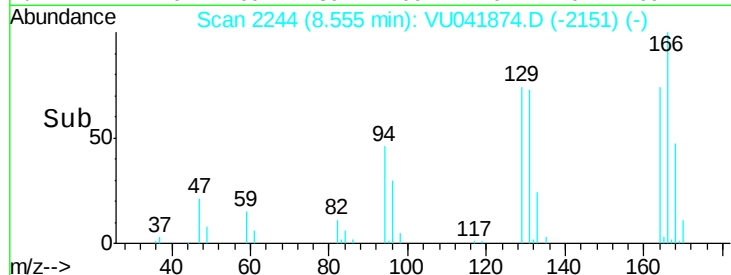
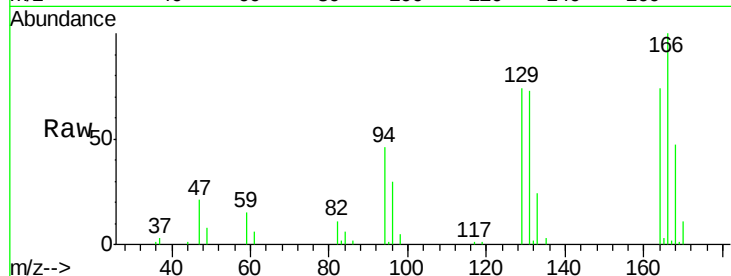
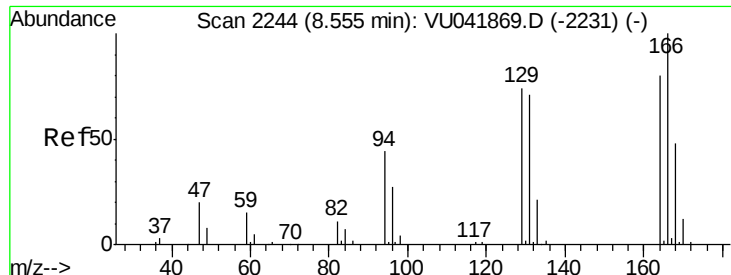
#34
Trichloroethene
Concen: 10.641 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041874.D
Acq: 07 Jan 2021 15:53

Tgt Ion: 95 Resp: 136960
Ion Ratio Lower Upper
95 100
97 62.9 43.9 81.5
132 92.5 63.1 117.3
130 97.3 67.4 125.2

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): VU0
Ion 129.95 (129.65 to 130.65): VU0





#47

Tetrachloroethene

Concen: 2.003 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041874.D

Acq: 07 Jan 2021 15:53

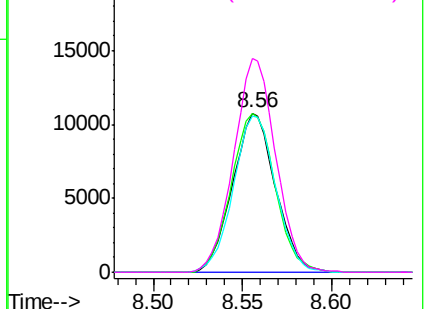
Tgt Ion:	164	Resp:	18043
Ion Ratio	Lower	Upper	
164	100		
129	100.0	72.2	134.0
131	98.3	66.9	124.3
166	134.5	89.6	166.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Instrument :

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ClientSampleId :

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