

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041929.D
 Acq On : 11 Jan 2021 18:42
 Operator : SY/MD
 Sample : M1027-02DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM3DL

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 11:52:40 AM

Quant Time: Jan 12 05:08:10 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	114353	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109784	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46555	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46100	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.92	69	43631	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.57	63	69471	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.66	46	148811	55.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	5.08	84	86952	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	49322	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.74	84	167280	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	52457	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.90	98	136160	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.19	79	20704	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	123560	57.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48209	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49673	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

					Ovalue
3) Chloromethane	1.52	50	673	0.056 ug/L	100
9) Trichlorofluoromethane	2.15	101	91190	5.410 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2229m	0.243 ug/L	
12) 1,1-Dichloroethene	2.58	96	1171	0.131 ug/L #	1
16) Methylene chloride	3.06	84	8505	0.758 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	3360	0.157 ug/L #	88
19) 1,1-Dichloroethane	3.89	63	4015	0.247 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	8551	0.924 ug/L	85
25) Chloroform	5.11	83	2414	0.142 ug/L #	70
34) Trichloroethene	6.55	95	104285	11.228 ug/L	97
47) Tetrachloroethene	8.56	164	4910	0.760 ug/L	97

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

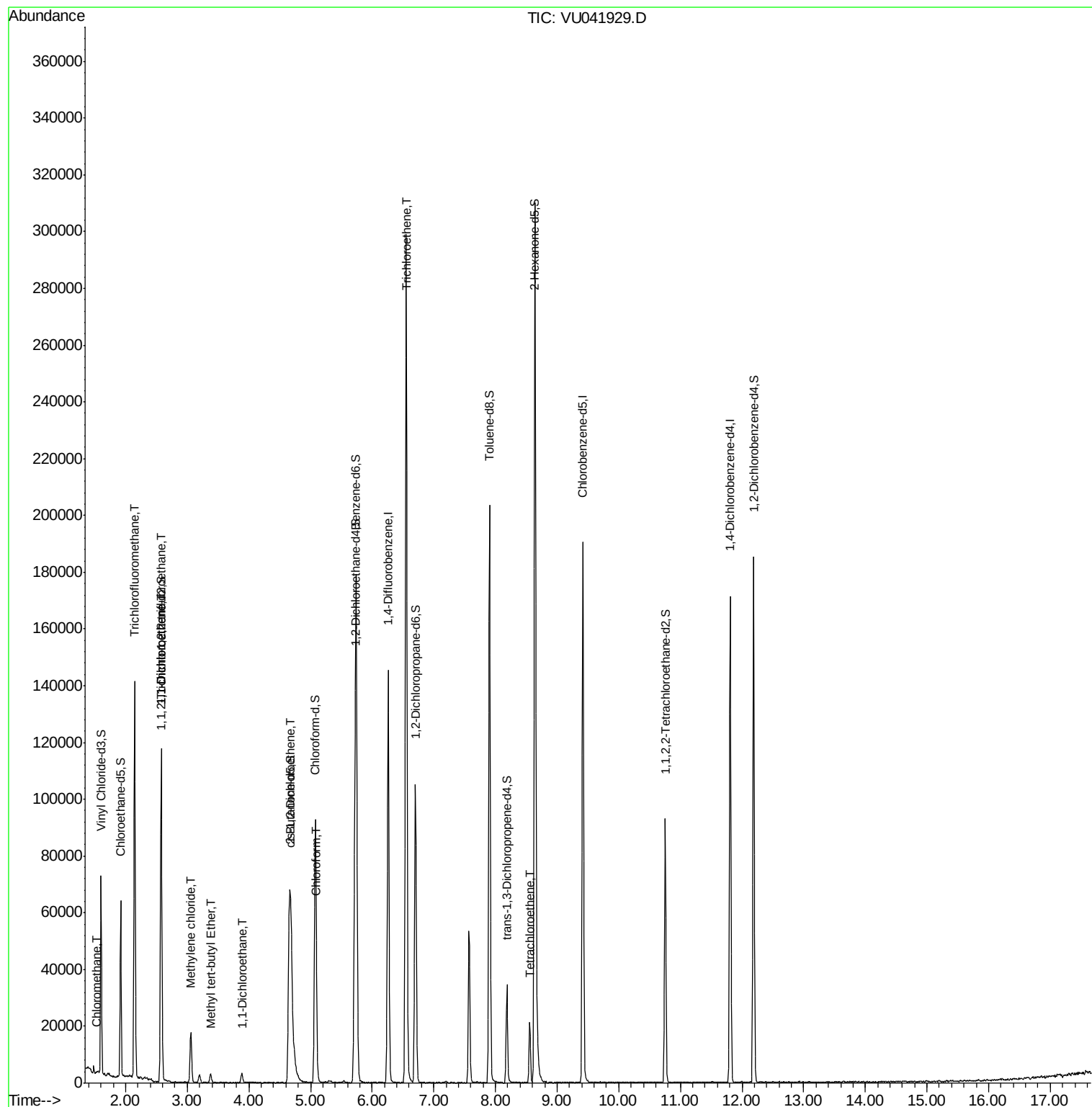
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
Data File : VU041929.D
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Operator : SY/MD
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ALS Vial : 20 Sample Multiplier: 1

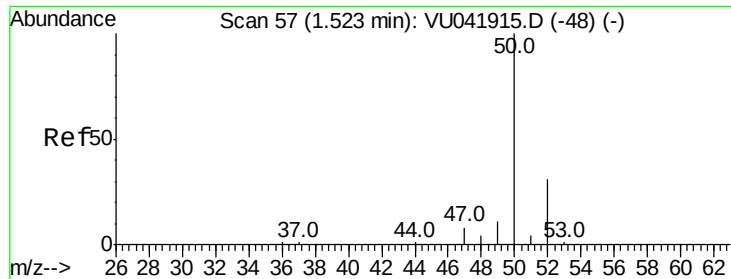
Instrument :
MSVOA_U
ClientSampleId :
BFXM3DL

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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





#3

Chloromethane

Concen: 0.056 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.00 min

Lab File: VU041929.D

Acq: 11 Jan 2021 18:42

Instrument :

MSVOA_U

ClientSampleId :

BFXM3DL

Tot Ion: 50 Resp: 673

Ion Ratio Lower Upper

50 100

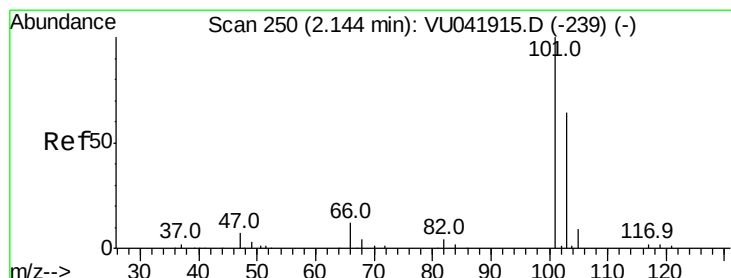
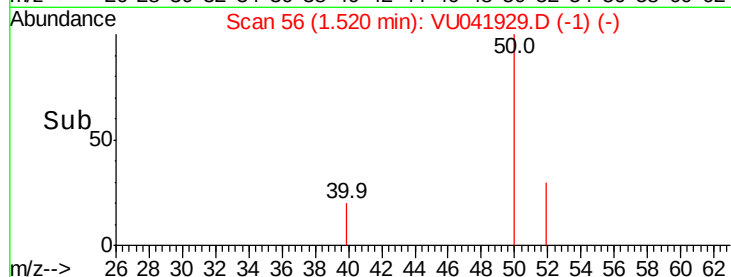
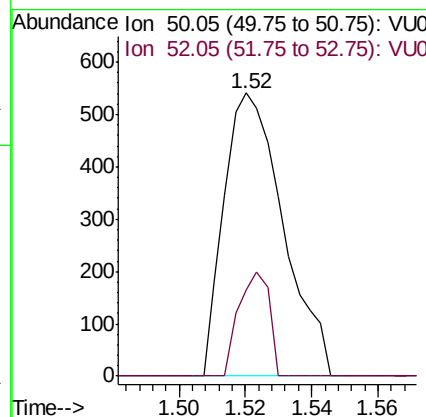
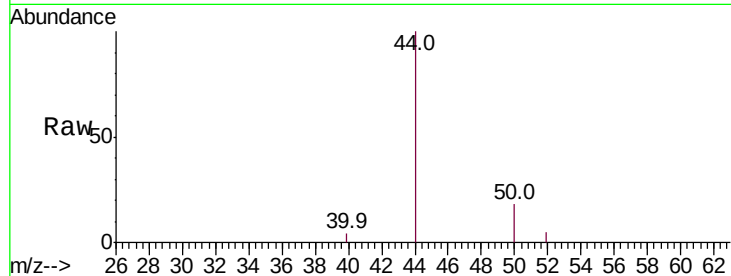
52 30.5 21.4 39.8

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#9

Trichlorofluoromethane

Concen: 5.410 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041929.D

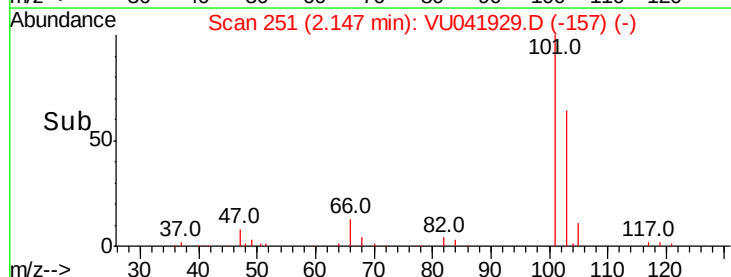
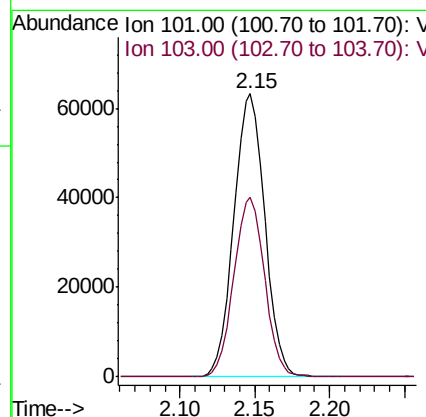
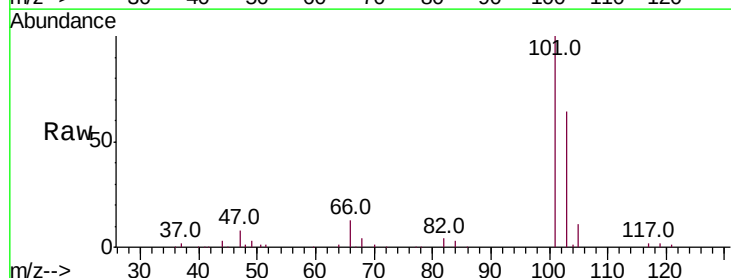
Acq: 11 Jan 2021 18:42

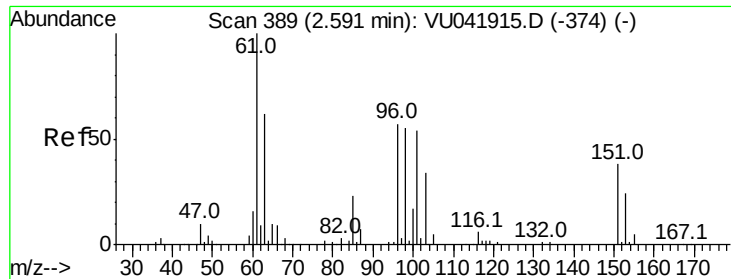
Tgt Ion:101 Resp: 91190

Ion Ratio Lower Upper

101 100

103 63.0 51.3 76.9





#10

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

Concen: 0.243 ug/L m

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU041929.D

Acq: 11 Jan 2021 18:42

Instrument :

MSVOA_U

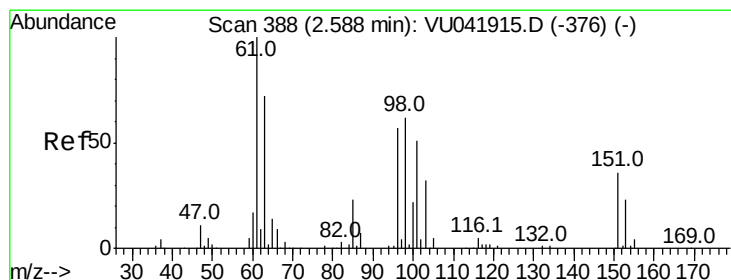
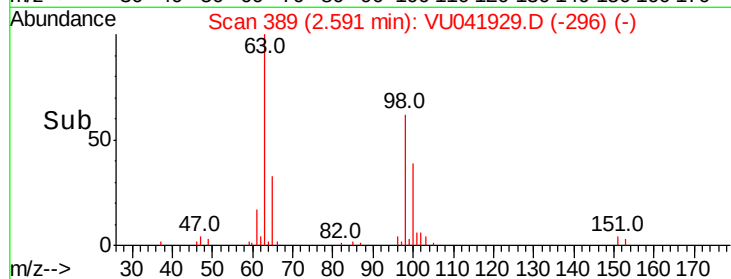
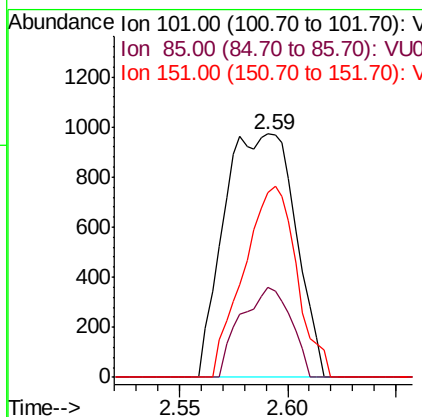
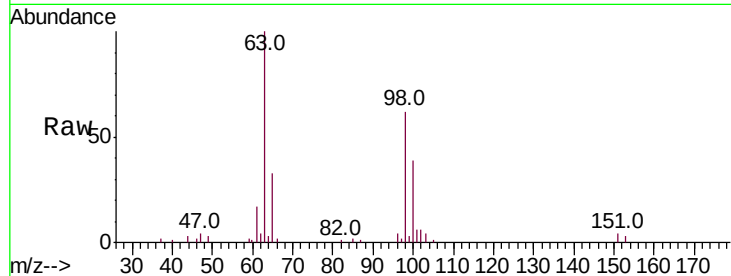
ClientSampleId :

BFXM3DL

Tot Ion:	101	Resp:	2229
Ion Ratio	Lower	Upper	
101	100		
85	26.1	35.1	52.7#
151	58.4	58.2	87.2

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#12

1,1-Dichloroethene

Concen: 0.131 ug/L

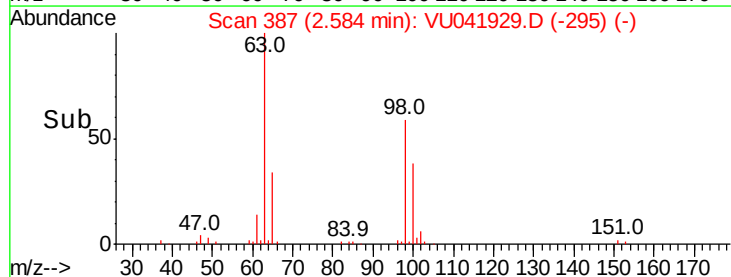
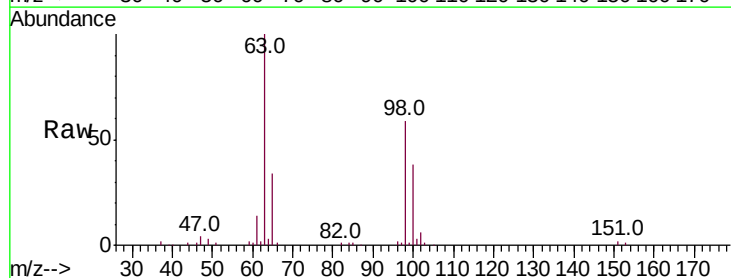
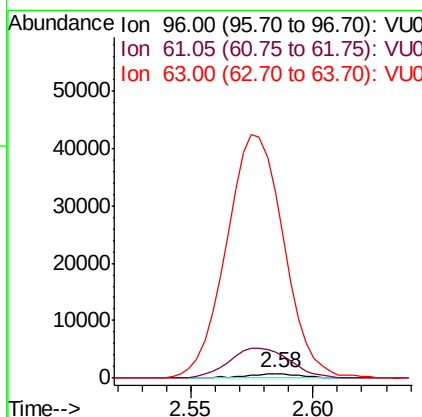
RT: 2.58 min Scan# 387

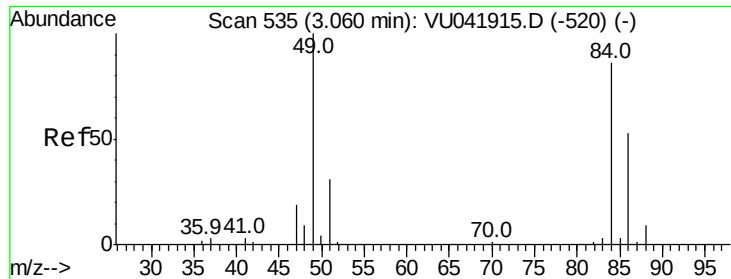
Delta R.T. -0.00 min

Lab File: VU041929.D

Acq: 11 Jan 2021 18:42

Tgt Ion:	96	Resp:	1171
Ion Ratio	Lower	Upper	
96	100		
61	609.3	123.5	229.4#
63	4303.9	93.5	173.7#





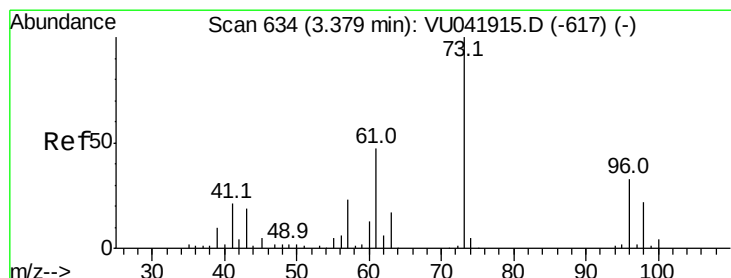
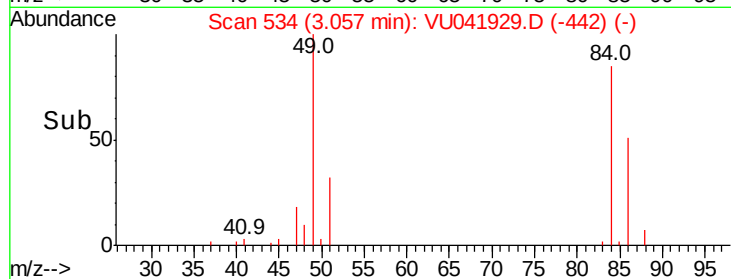
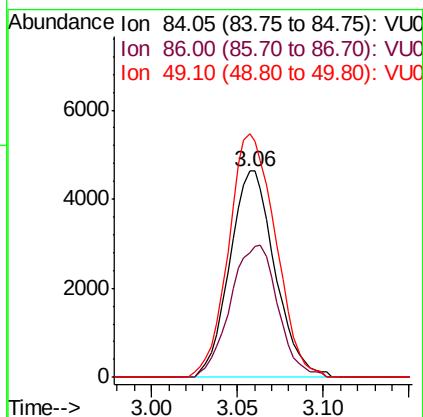
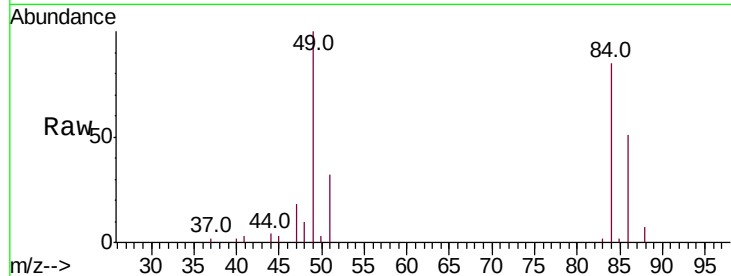
#16
Methylene chloride
Concen: 0.758 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041929.D
Acq: 11 Jan 2021 18:42

Instrument :
MSVOA_U
ClientSampled :
BFXM3DL

Tot Ion	Ratio	Lower	Upper
84	100		
86	60.4	43.5	80.7
49	118.1	81.8	151.8

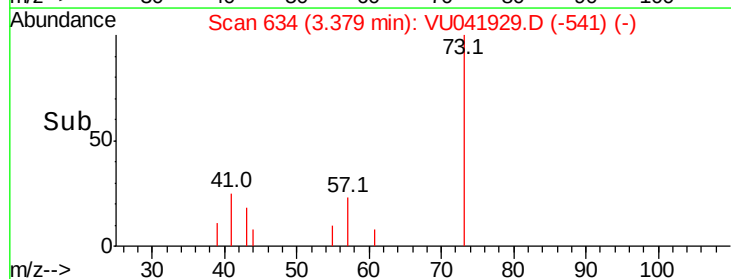
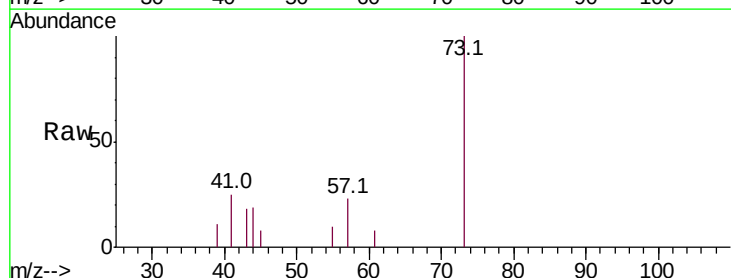
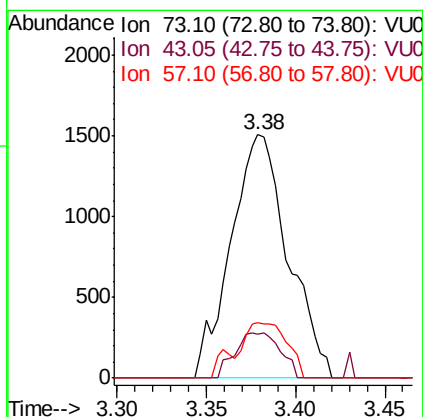
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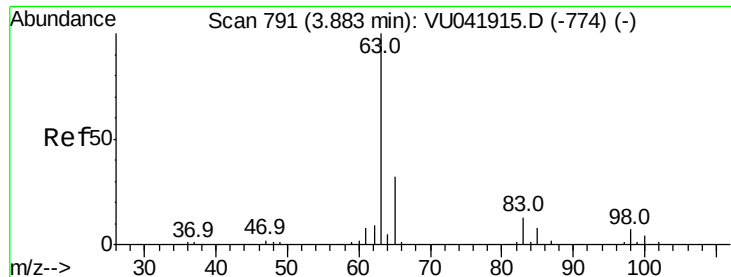
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#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041929.D
Acq: 11 Jan 2021 18:42

Tgt Ion	Ratio	Lower	Upper
73	100		
43	14.8	15.8	23.8#
57	16.9	18.3	27.5#





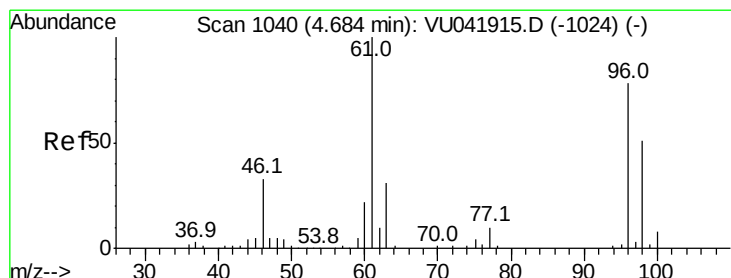
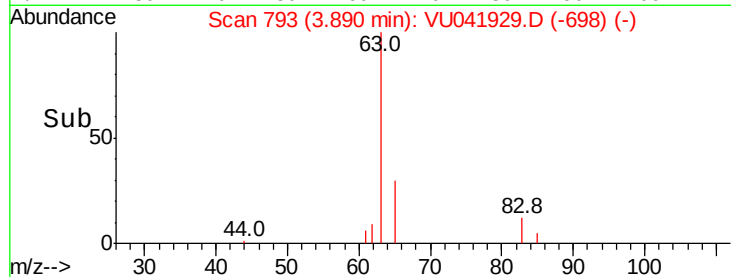
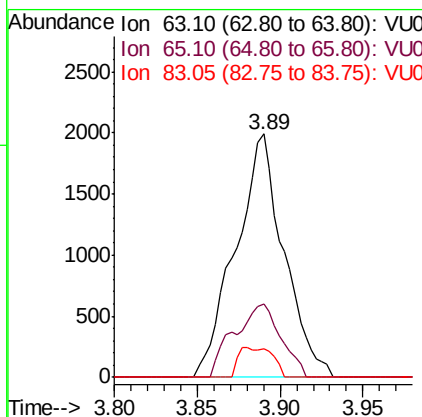
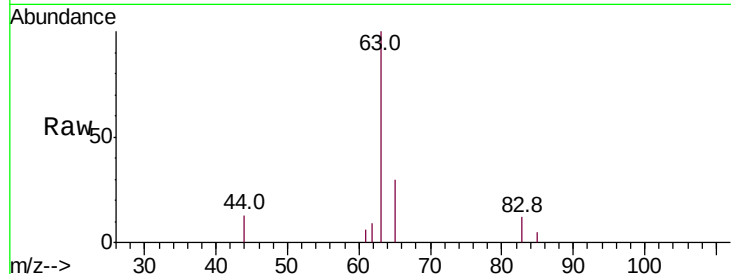
#19
 1,1-Dichloroethane
 Concen: 0.247 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: VU041929.D
 Acq: 11 Jan 2021 18:42

Instrument :
 MSVOA_U
 ClientSampled :
 BFXM3DL

Tot Ion:	63	Resp:	4015
Ion	Ratio	Lower	Upper
63	100		
65	30.1	22.3	41.5
83	11.6	9.0	16.8

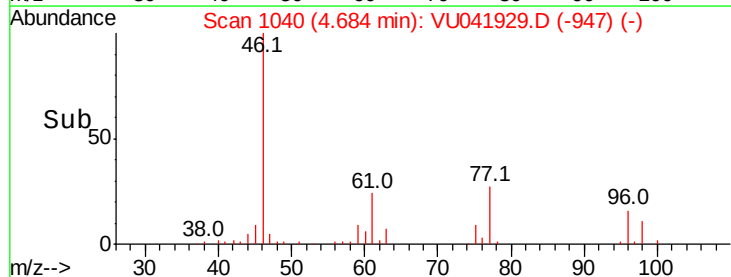
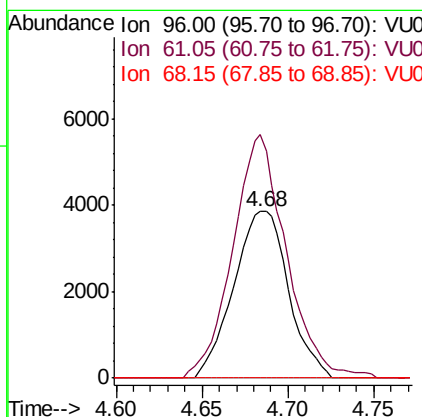
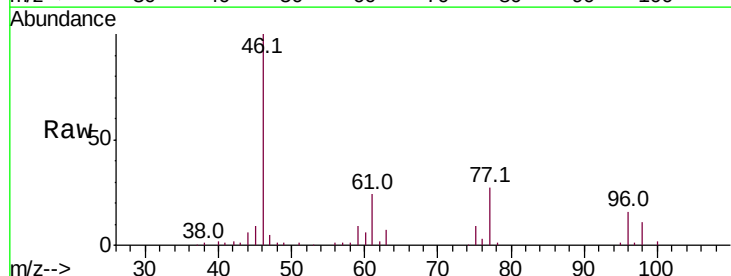
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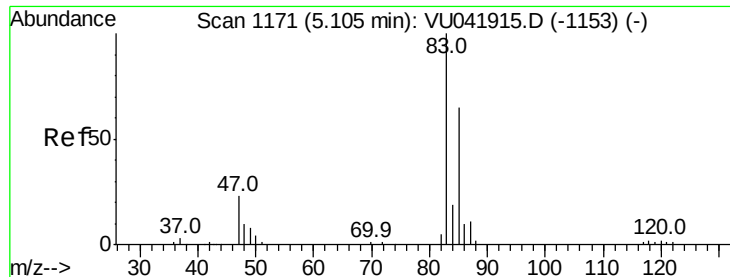
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#22
 cis-1,2-Dichloroethene
 Concen: 0.924 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041929.D
 Acq: 11 Jan 2021 18:42

Tgt Ion:	96	Resp:	8551
Ion	Ratio	Lower	Upper
96	100		
61	146.0	90.3	167.7
68	0.0	0.0	0.0





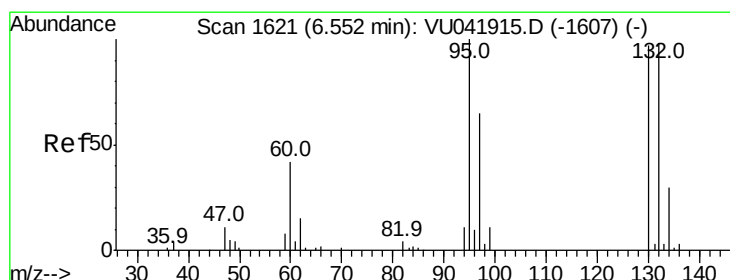
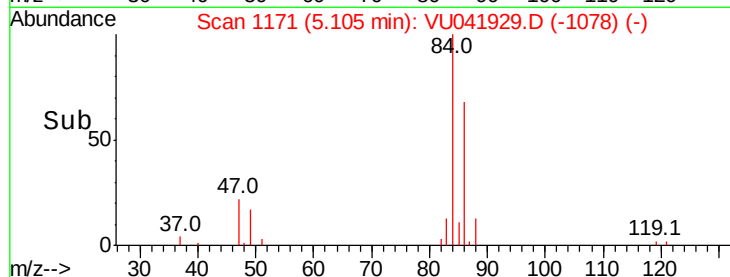
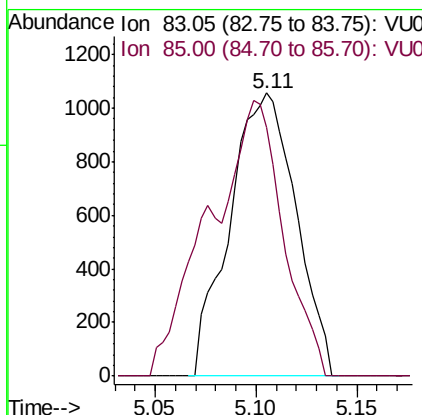
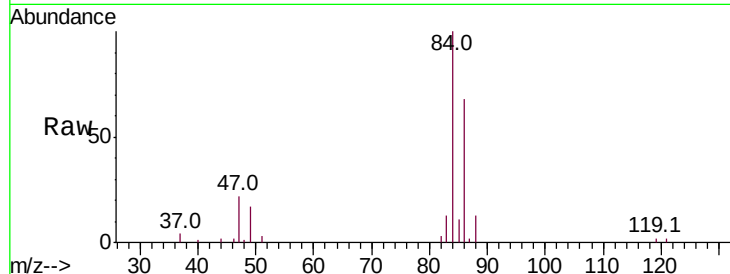
#25
Chloroform
Concen: 0.142 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041929.D
Acq: 11 Jan 2021 18:42

Instrument :
MSVOA_U
ClientSampleId :
BFXM3DL

Tot Ion: 83 Resp: 2414
Ion Ratio Lower Upper
83 100
85 87.7 45.1 83.9#

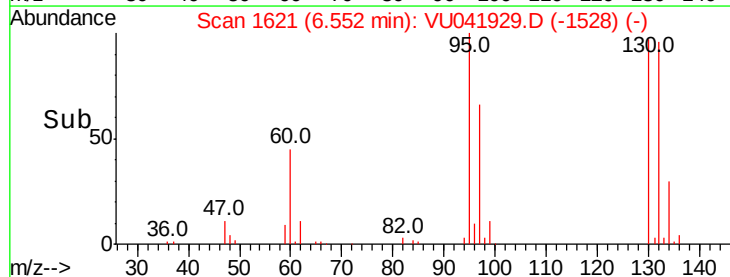
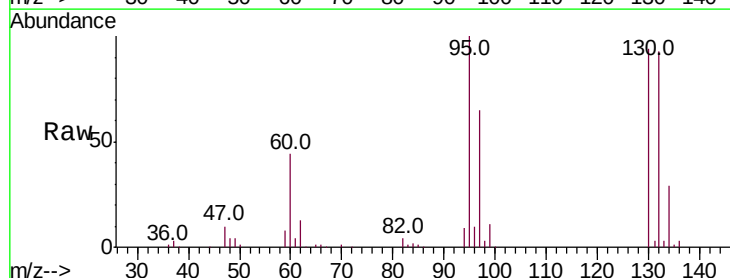
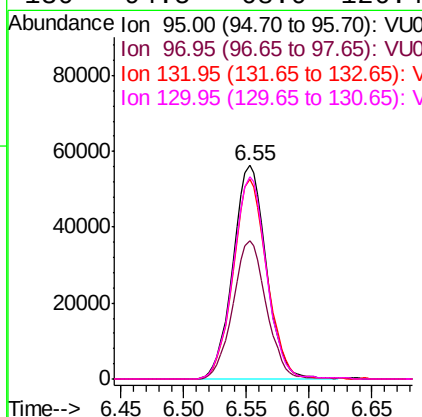
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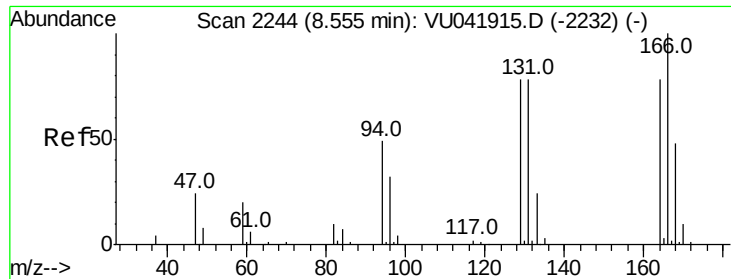
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#34
Trichloroethene
Concen: 11.228 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041929.D
Acq: 11 Jan 2021 18:42

Tgt Ion: 95 Resp: 104285
Ion Ratio Lower Upper
95 100
97 64.7 45.2 84.0
132 93.5 68.7 127.5
130 94.5 68.0 126.4





#47
 Tetrachloroethene
 Concen: 0.760 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041929.D
 Acq: 11 Jan 2021 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM3DL

Tot Ion	Ratio	Lower	Upper
164	100		
129	99.4	69.2	128.6
131	97.2	69.7	129.5
166	122.5	89.2	165.8

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