

Data File : VU030142.D
Acq On : 16 Mar 2019 14:04
Operator : JC/SP
Sample : K1949-15 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B4

Quant Time: Mar 18 04:27:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	472073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149171	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.54%
7) Chloroethane-d5	1.68	69	129177	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.50%
11) 1,1-Dichloroethene-d2	2.27	63	212113	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.26%
21) 2-Butanone-d5	4.17	46	270369	115.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.57%
24) Chloroform-d	4.65	84	292580	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	5.31	65	178595	55.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.38%
32) Benzene-d6	5.34	84	617521	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.33	67	198120	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.16%
41) Toluene-d8	7.56	98	546365	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%
43) trans-1,3-Dichloropropene-	7.85	79	88870	50.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.08%
47) 2-Hexanone-d5	8.31	63	228566	112.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299902	53.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	230241	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

Target Compounds

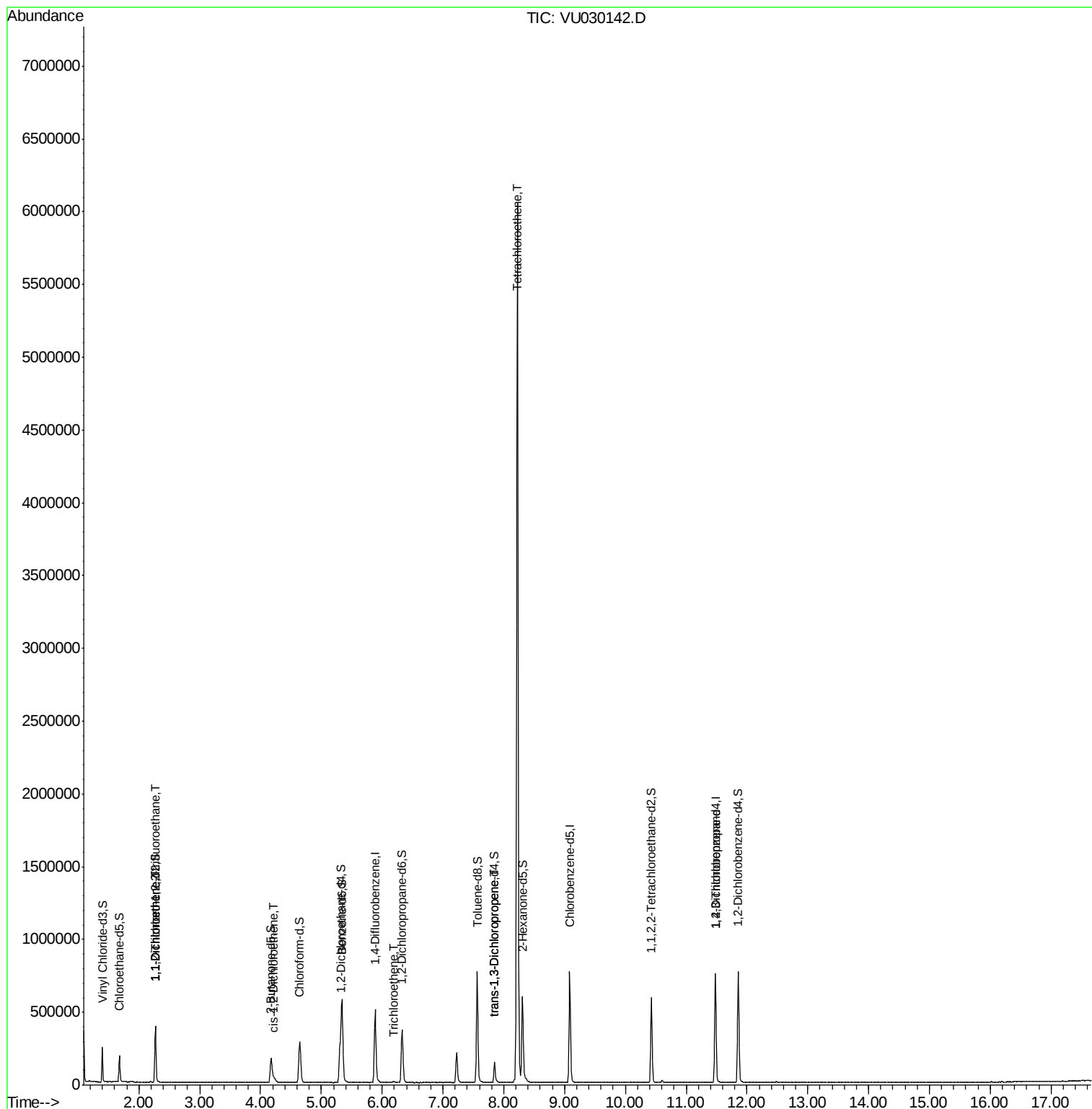
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2818	0.909 ug/L #	37
12) 1,1-Dichloroethene	2.28	96	2541	0.859 ug/L #	1
20) cis-1,2-Dichloroethene	4.23	96	10976	2.992 ug/L	89
34) Trichloroethene	6.18	95	3907	1.131 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3372	0.684 ug/L	100
46) Tetrachloroethene	8.22	164	1473871	487.376 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	22989	5.090 ug/L	95

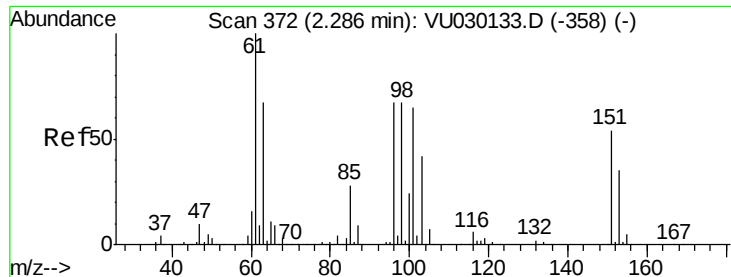
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.909 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030142.D

Acq: 16 Mar 2019 14:04

Instrument :

MSVOA_U

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BF1B4

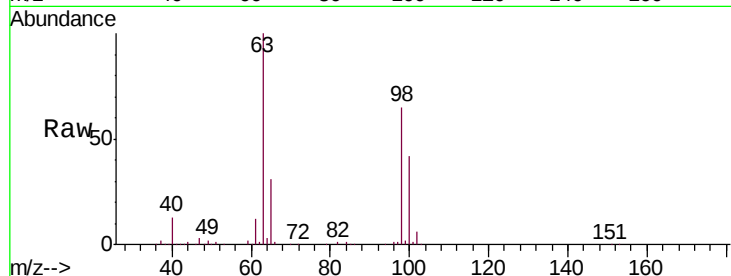
Tgt Ion: 101 Resp: 2818

Ion Ratio Lower Upper

101 100

85 10.1 33.0 49.4#

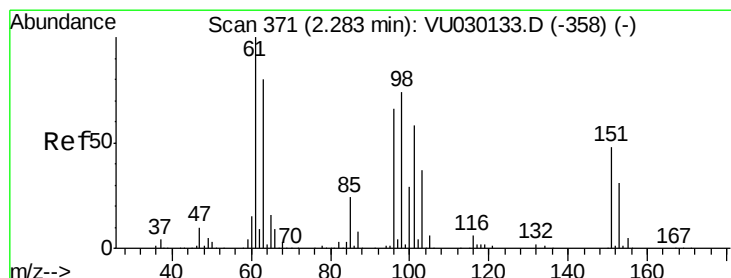
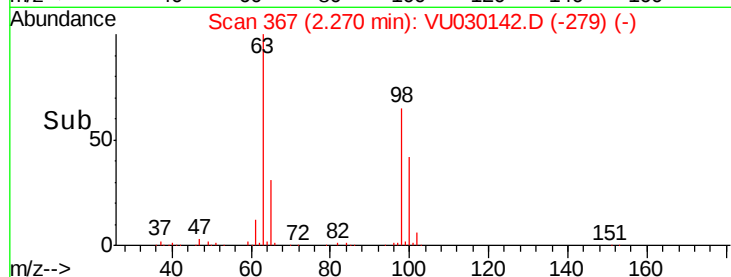
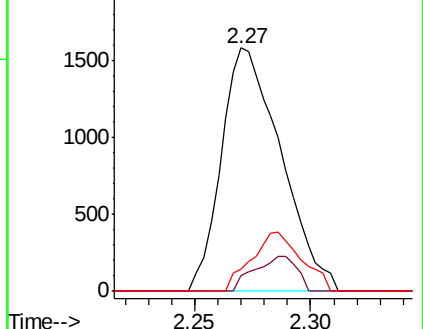
151 20.5 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.859 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU030142.D

Acq: 16 Mar 2019 14:04

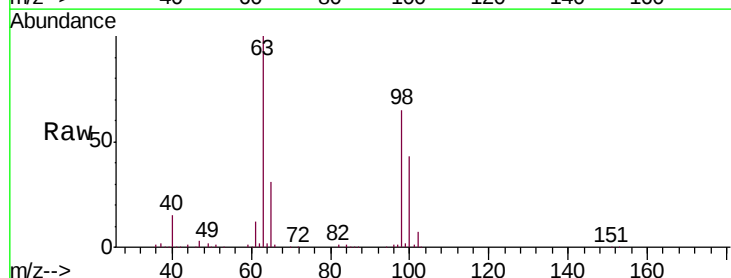
Tgt Ion: 96 Resp: 2541

Ion Ratio Lower Upper

96 100

61 1117.7 110.4 205.0#

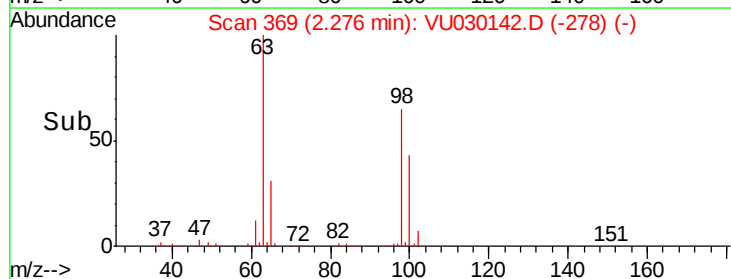
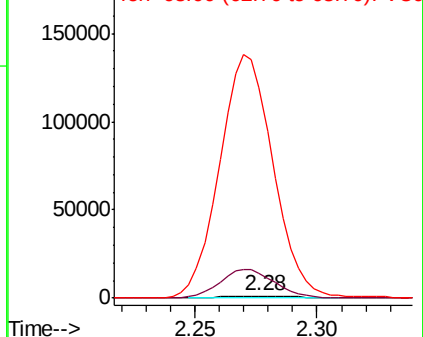
63 9496.3 86.5 160.7#

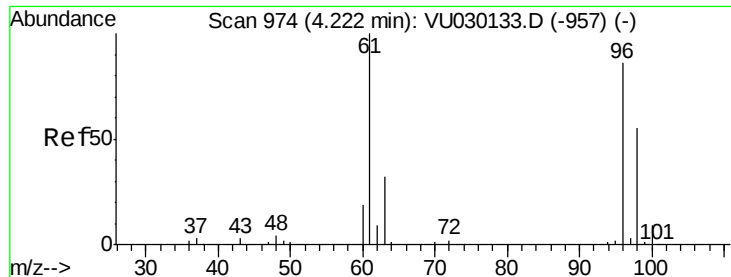


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

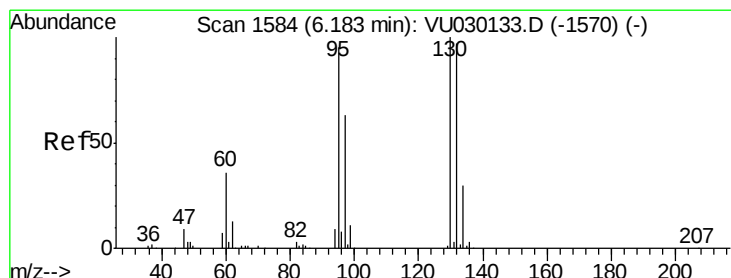
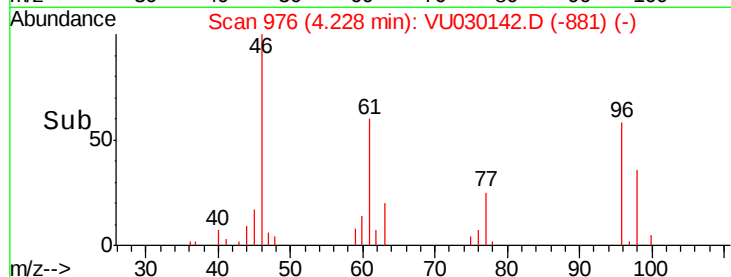
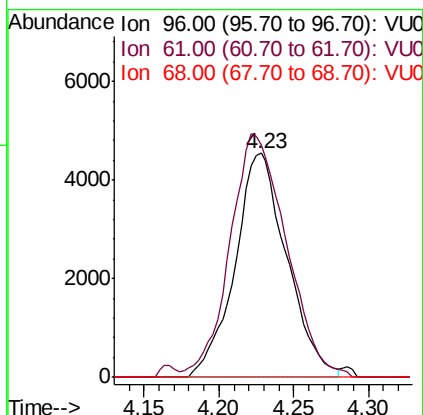
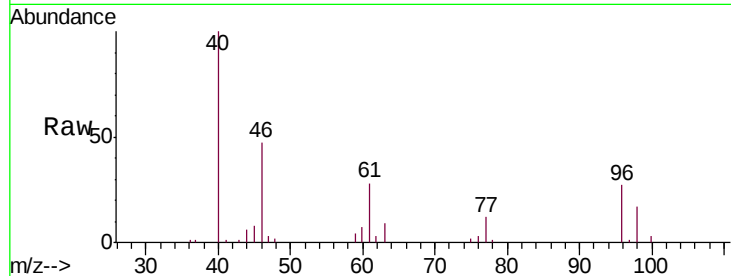




#20
 cis-1,2-Dichloroethene
 Concen: 2.992 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU030142.D
 Acq: 16 Mar 2019 14:04

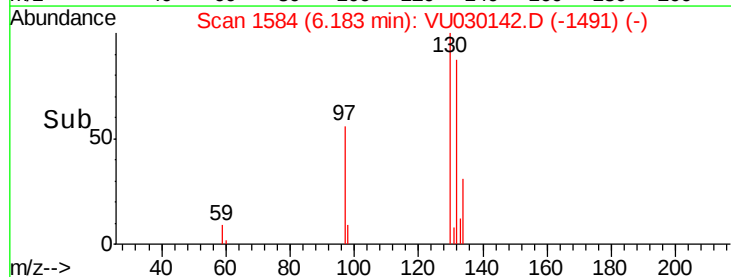
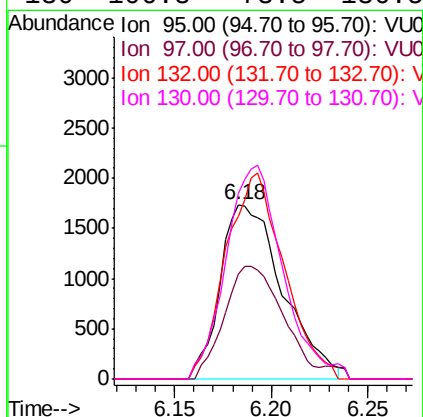
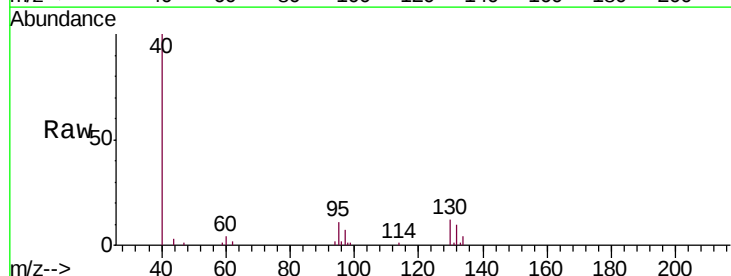
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 MSVOA_U
 ClientSampleId :
 BF1B4

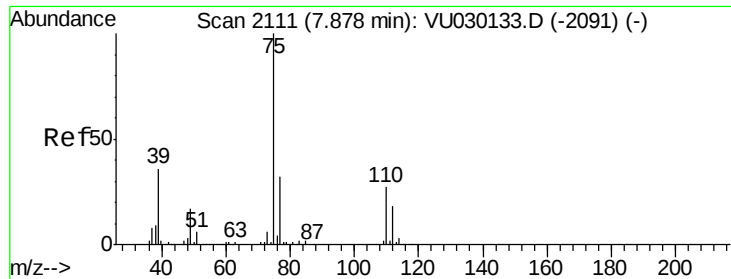
Tgt Ion: 96 Resp: 10976
 Ion Ratio Lower Upper
 96 100
 61 103.6 80.8 150.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.131 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030142.D
 Acq: 16 Mar 2019 14:04

Tgt Ion: 95 Resp: 3907
 Ion Ratio Lower Upper
 95 100
 97 60.0 45.5 84.5
 132 93.1 71.5 132.7
 130 106.8 73.5 136.5

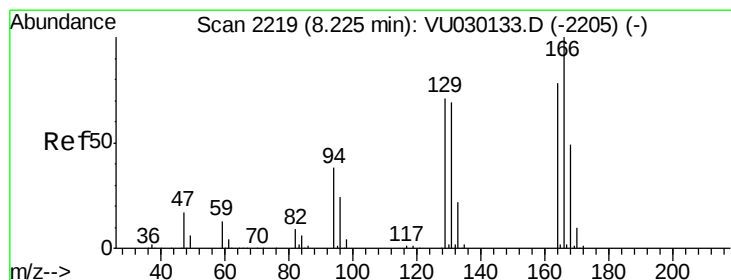
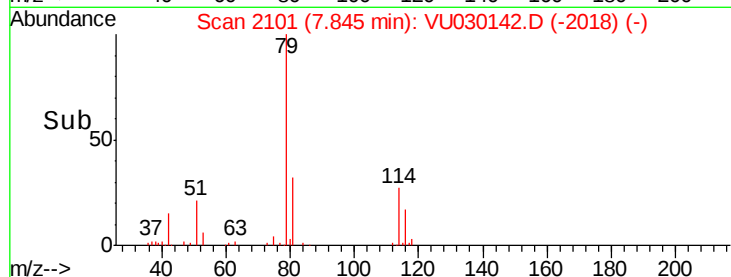
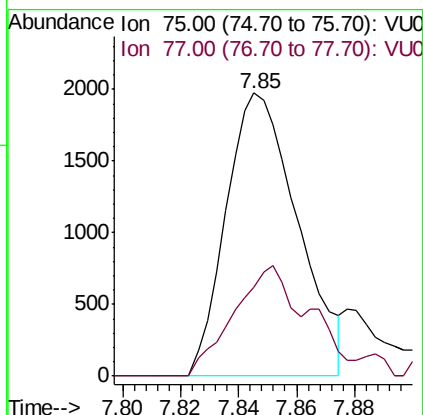
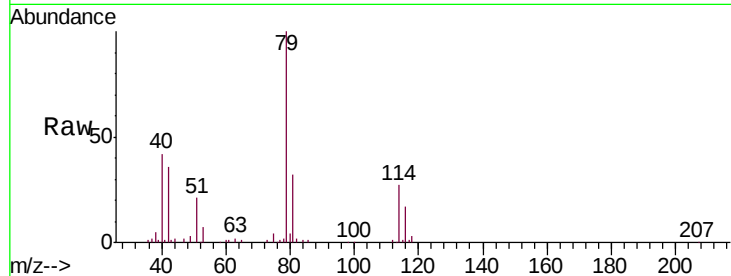




#44
trans-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030142.D
Acq: 16 Mar 2019 14:04

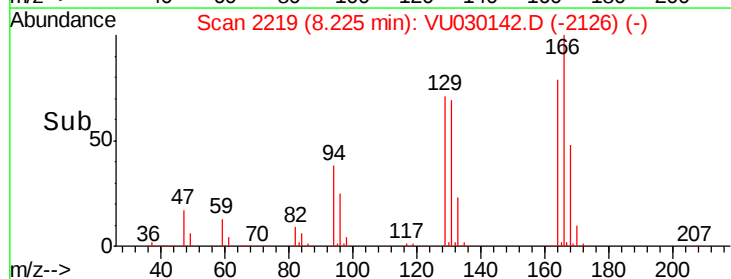
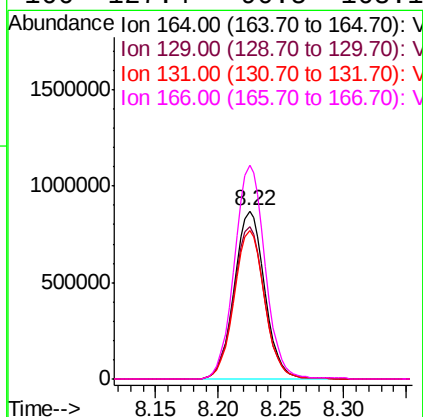
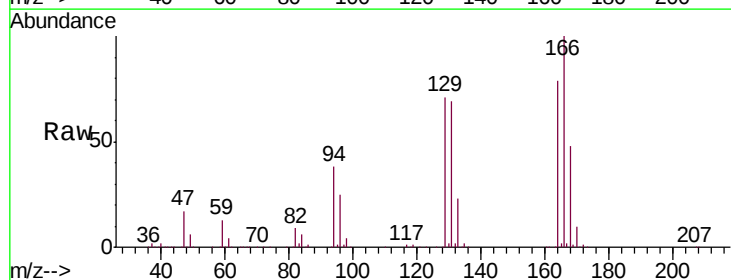
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BF1B4

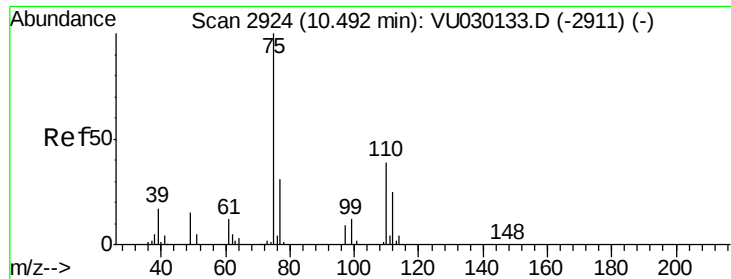
Tgt Ion: 75 Resp: 3372
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7



#46
Tetrachloroethene
Concen: 487.376 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030142.D
Acq: 16 Mar 2019 14:04

Tgt Ion: 164 Resp: 1473871
Ion Ratio Lower Upper
164 100
129 90.8 63.3 117.7
131 88.5 62.0 115.2
166 127.4 90.5 168.1





#59

1,2,3-Trichloropropane

Concen: 5.090 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030142.D

Acq: 16 Mar 2019 14:04

Instrument :

MSVOA_U

ClientSampleId :

BF1B4

Tgt Ion: 75 Resp: 22989

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.8

