

Data File : VU030752.D
Acq On : 05 Apr 2019 19:42
Operator : JC/SP
Sample : K2215-19ME
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2P9ME

Quant Time: Apr 06 02:21:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440731	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	431657	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	150514	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.52%
7) Chloroethane-d5	1.72	69	509	0.17	ug/L	0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.34%#
11) 1,1-Dichloroethene-d2	2.23	63	229405	32.24	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.48%
21) 2-Butanone-d5	4.19	46	323251	103.67	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.67%
24) Chloroform-d	4.64	84	265827	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.30	65	197161	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.33	84	556682	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
36) 1,2-Dichloropropane-d6	6.32	67	195579	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.58%
41) Toluene-d8	7.56	98	460827	41.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.52%
43) trans-1,3-Dichloropropene-	7.85	79	85440	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.78%
47) 2-Hexanone-d5	8.32	63	213750	108.29	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296612	50.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	186637	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%

Target Compounds

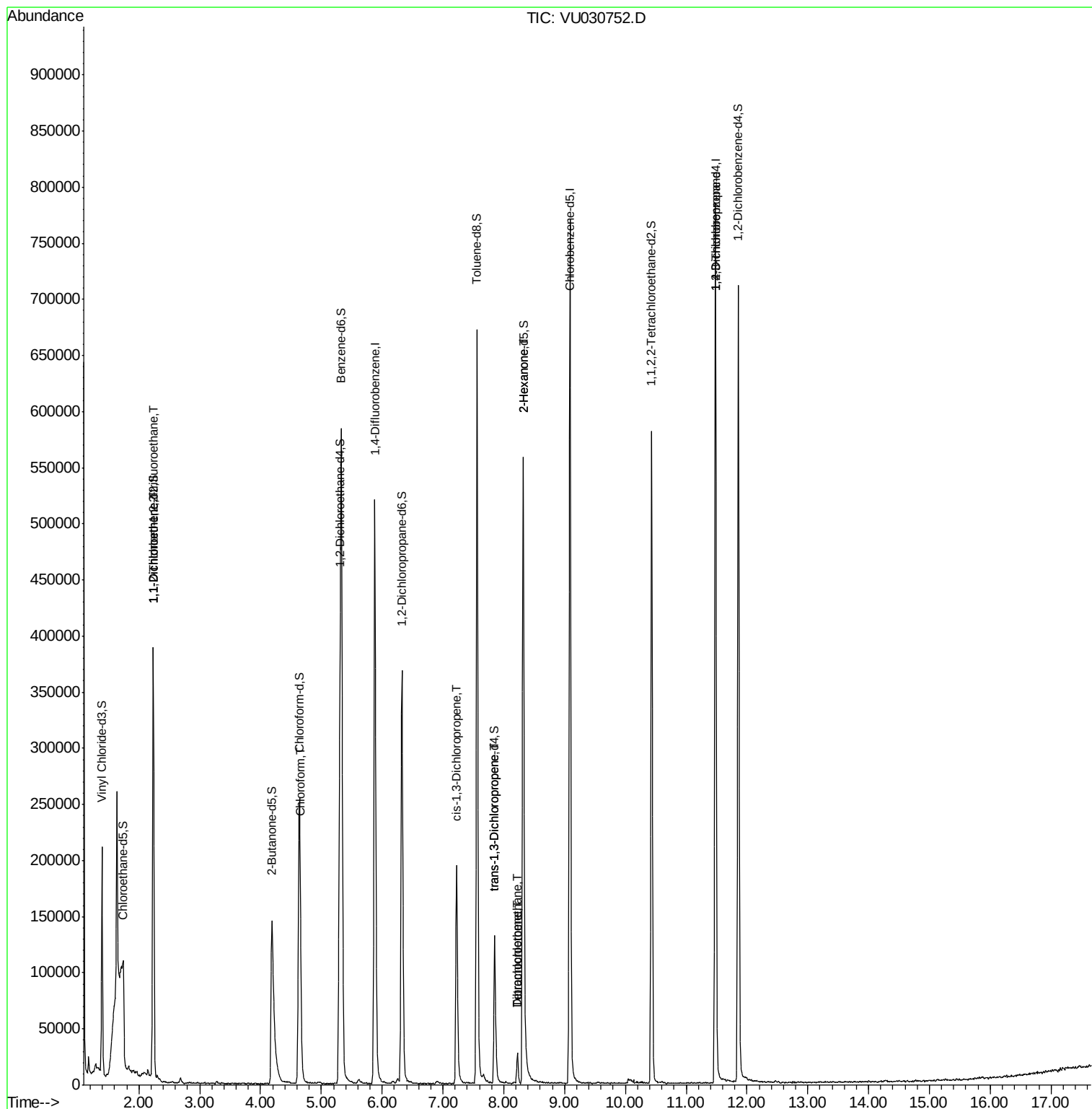
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	1819	0.576 ug/L #	22
12) 1,1-Dichloroethene	2.23	96	1688	0.554 ug/L #	1
25) Chloroform	4.66	83	10222	1.524 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4734	0.832 ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	3043	0.607 ug/L	90
46) Tetrachloroethene	8.22	164	5933	2.355 ug/L	93
48) 2-Hexanone	8.32	43	27601	5.500 ug/L #	69
49) Dibromochloromethane	8.22	129	6797	1.888 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	26109	5.450 ug/L	89

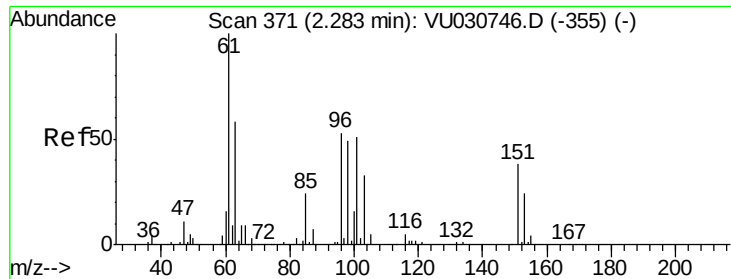
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.576 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.05 min

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Instrument :

MSVOA_U

ClientSampleId :

BF2P9ME

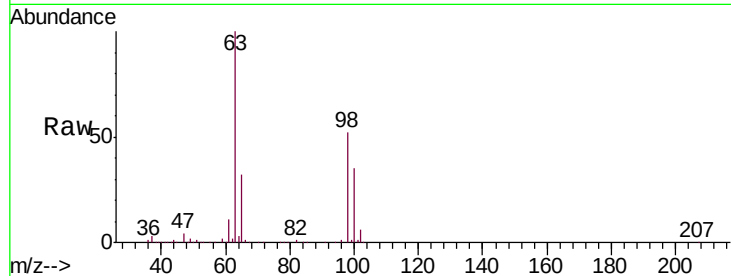
Tgt Ion: 101 Resp: 1819

Ion Ratio Lower Upper

101 100

85 2.5 36.8 55.2#

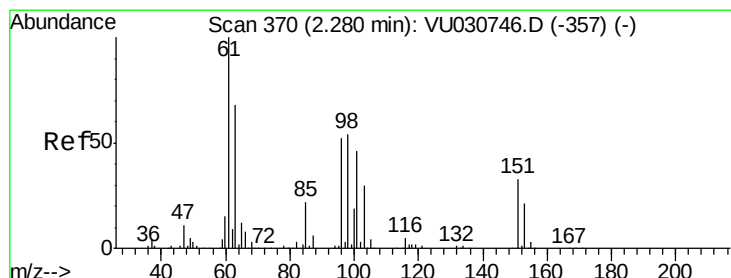
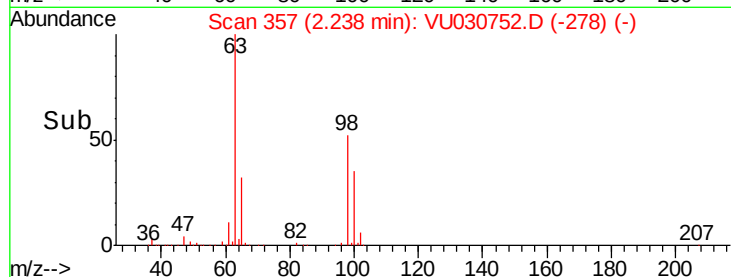
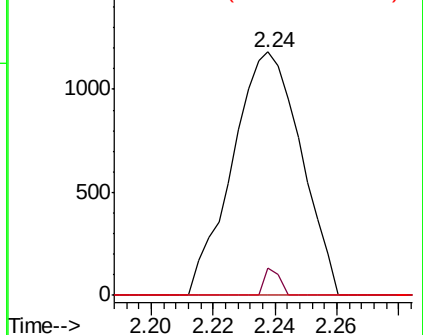
151 0.0 57.4 86.0#



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: 0.554 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030752.D

Acq: 05 Apr 2019 19:42

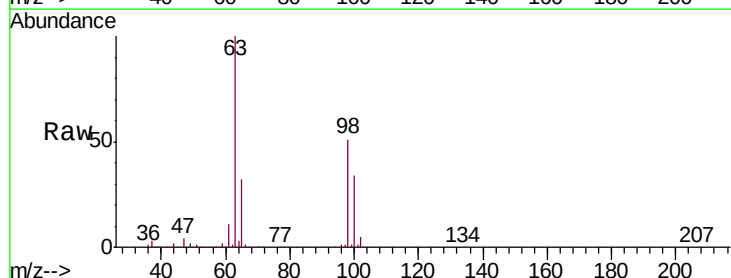
Tgt Ion: 96 Resp: 1688

Ion Ratio Lower Upper

96 100

61 1446.8 132.0 245.2#

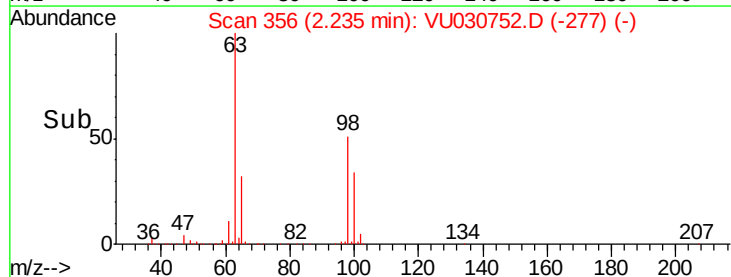
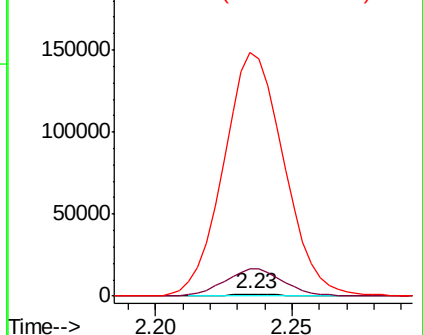
63 13099.4 90.9 168.9#

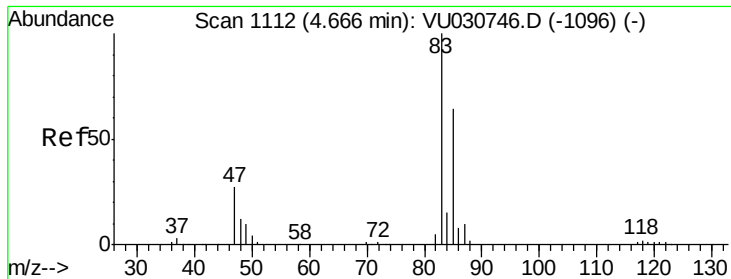


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

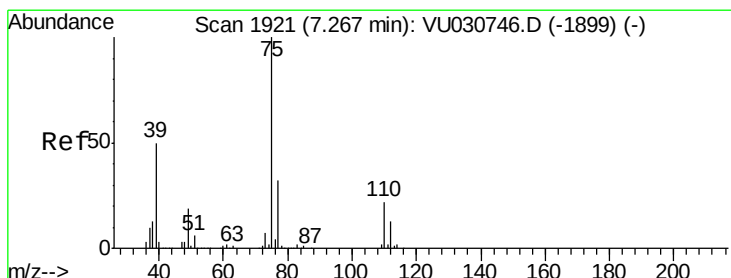
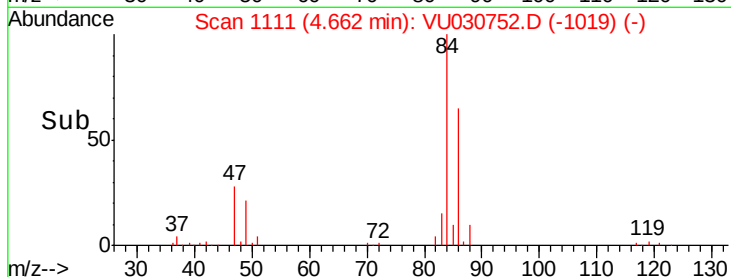
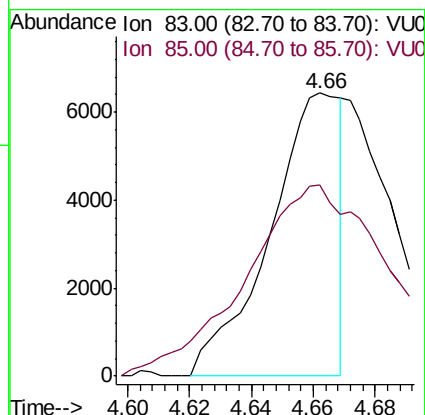
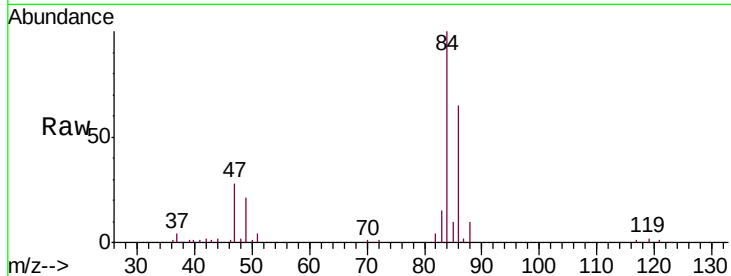




#25
Chloroform
Concen: 1.524 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU030752.D
Acq: 05 Apr 2019 19:42

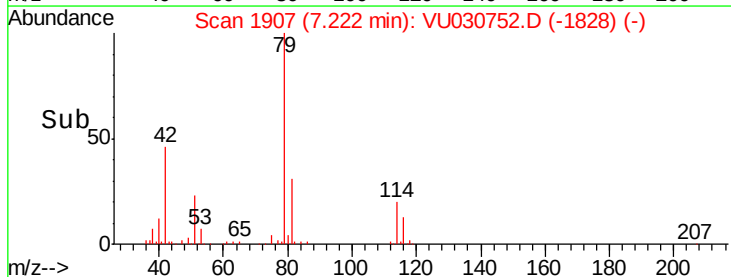
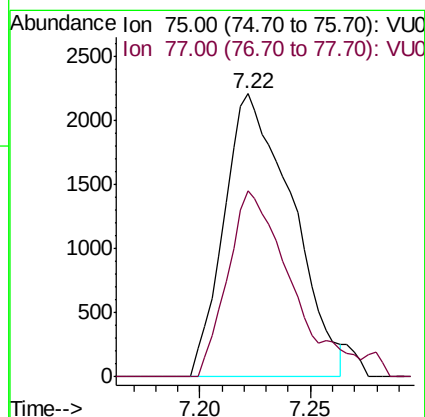
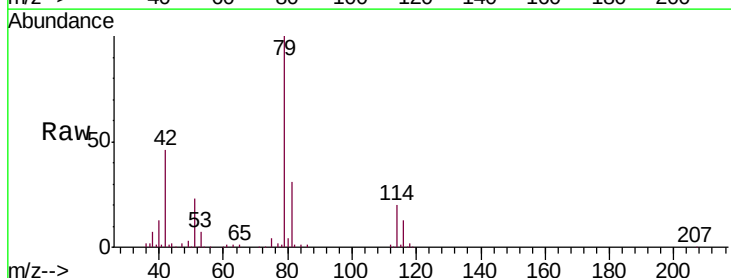
Instrument :
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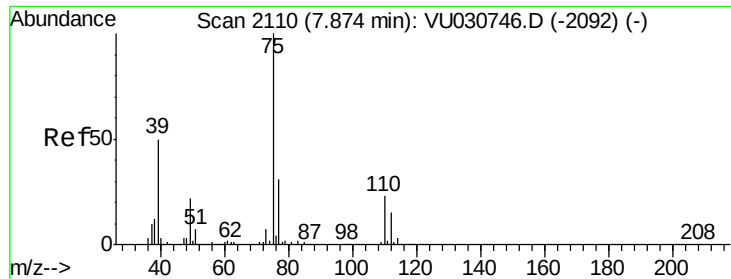
Tgt Ion: 83 Resp: 10222
Ion Ratio Lower Upper
83 100
85 67.4 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 0.832 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU030752.D
Acq: 05 Apr 2019 19:42

Tgt Ion: 75 Resp: 4734
Ion Ratio Lower Upper
75 100
77 65.8 23.1 42.9#

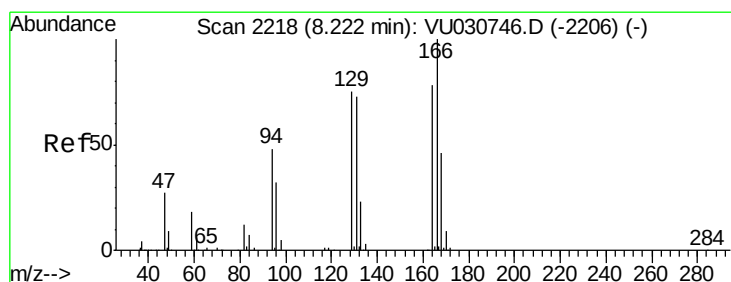
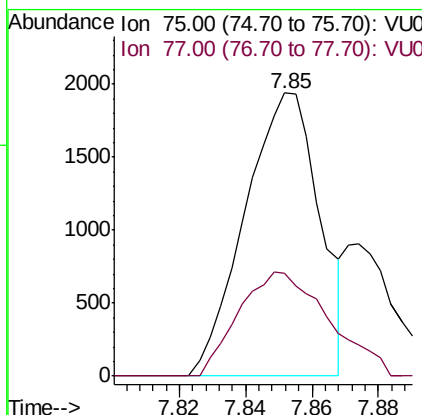
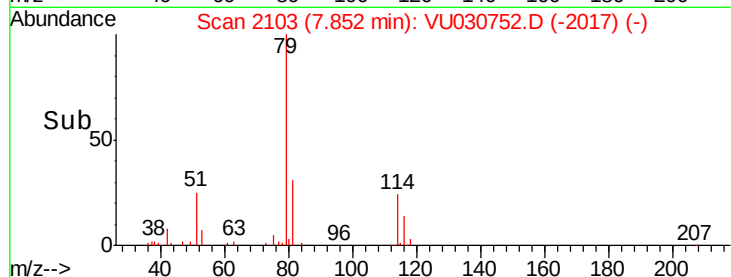
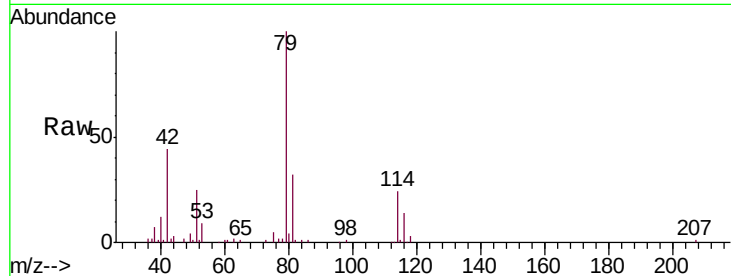




#44
trans-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU030752.D
Acq: 05 Apr 2019 19:42

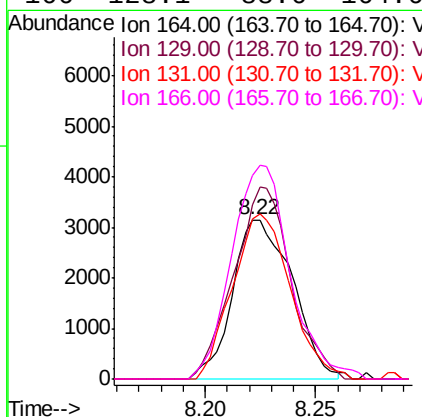
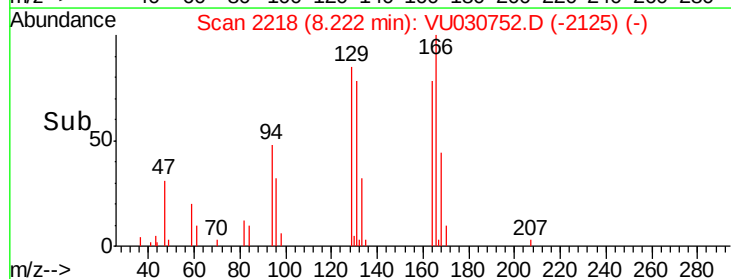
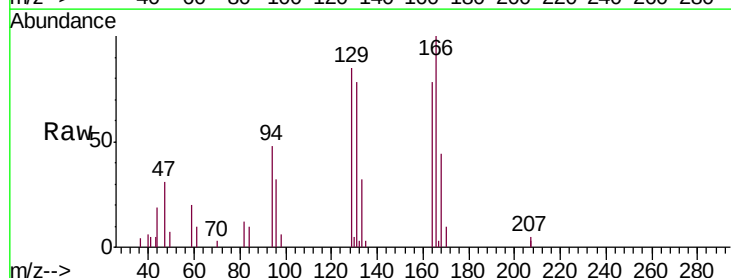
Instrument :
MSVOA_U
ClientSampleId :
BF2P9ME

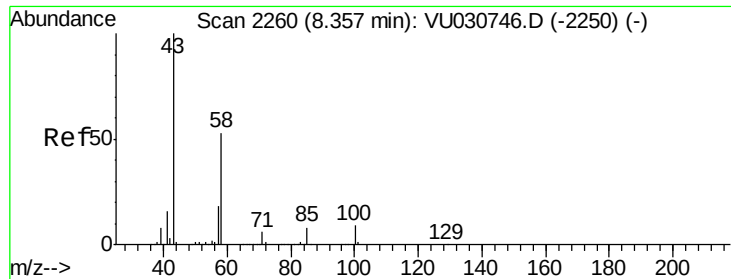
Tgt Ion: 75 Resp: 3043
Ion Ratio Lower Upper
75 100
77 36.4 21.6 40.0



#46
Tetrachloroethene
Concen: 2.355 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030752.D
Acq: 05 Apr 2019 19:42

Tgt Ion: 164 Resp: 5933
Ion Ratio Lower Upper
164 100
129 109.3 67.4 125.2
131 100.5 65.9 122.5
166 128.1 88.6 164.6

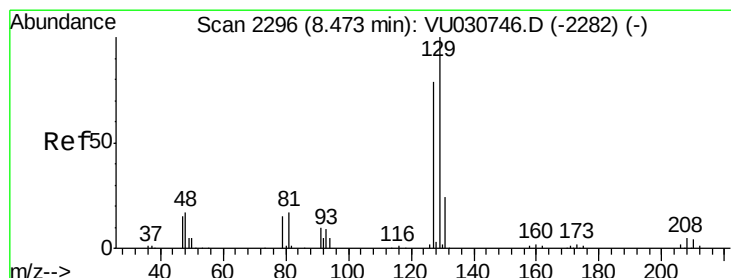
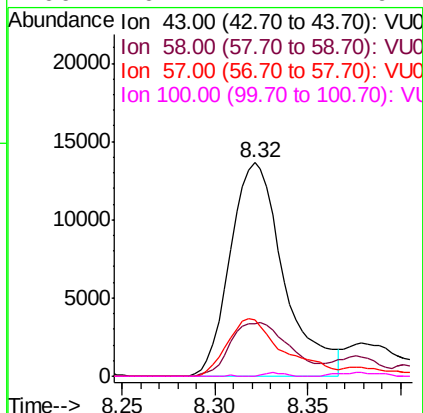
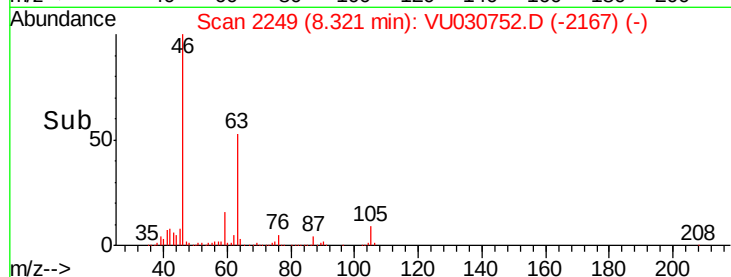
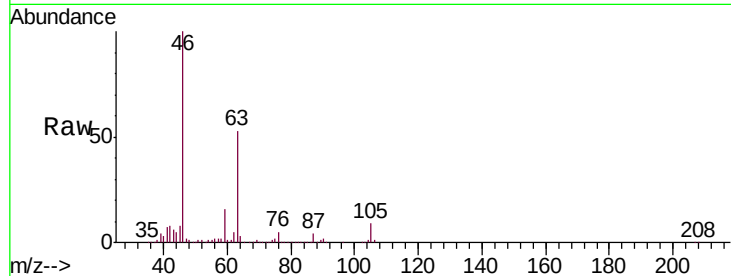




#48
2-Hexanone
Concen: 5.500 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030752.D
Acq: 05 Apr 2019 19:42

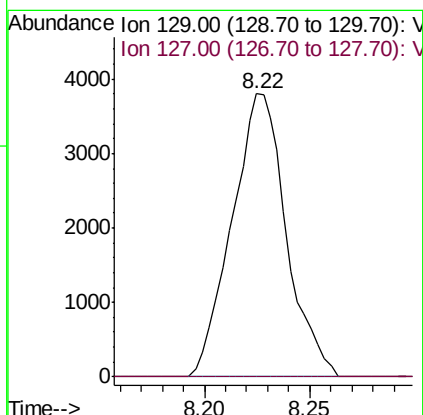
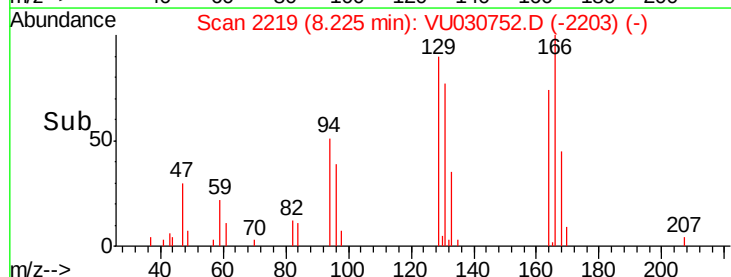
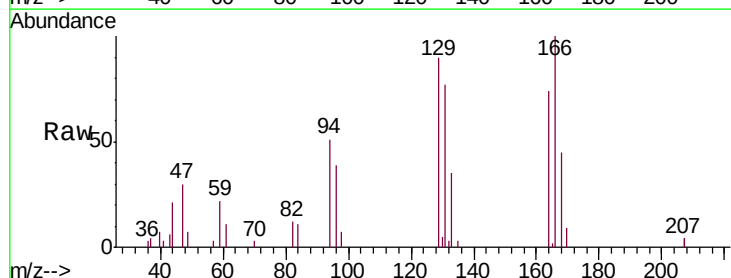
Instrument :
MSVOA_U
ClientSampleId :
BF2P9ME

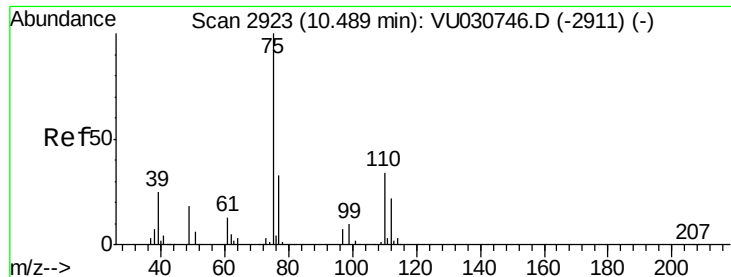
Tgt Ion: 43 Resp: 27601
Ion Ratio Lower Upper
43 100
58 27.7 41.9 62.9#
57 28.2 14.3 21.5#
100 0.7 7.1 10.7#



#49
Dibromochloromethane
Concen: 1.888 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU030752.D
Acq: 05 Apr 2019 19:42

Tgt Ion: 129 Resp: 6797
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#59

1,2,3-Trichloropropane

Concen: 5.450 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030752.D

Acq: 05 Apr 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

BF2P9ME

Tgt Ion: 75 Resp: 26109

Ion Ratio Lower Upper

75 100

77 38.6 26.1 39.1

