

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031028.D
 Acq On : 10 Apr 2019 21:52
 Operator : JC/SP
 Sample : K2277-21ME
 Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R5MERE

Quant Time: Apr 11 05:24:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	330613	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	338487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148431	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57976	19.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.28%#
7) Chloroethane-d5	1.70	69	148	0.07	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.14%#
11) 1,1-Dichloroethene-d2	2.31	63	168	0.03	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.20	46	137802	58.91	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.91%
24) Chloroform-d	4.64	84	110788	24.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.14%#
26) 1,2-Dichloroethane-d4	5.30	65	86091	27.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.98%#
32) Benzene-d6	5.33	84	223750	22.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.28%#
36) 1,2-Dichloropropane-d6	6.32	67	83732	24.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	49.46%#
41) Toluene-d8	7.56	98	190784	21.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	43.56%#
43) trans-1,3-Dichloropropene-	7.86	79	34844	22.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.12%#
47) 2-Hexanone-d5	8.32	63	80656	52.11	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	52.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132771	29.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	58.14%#
64) 1,2-Dichlorobenzene-d4	11.86	152	78506	26.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.78%#

Target Compounds

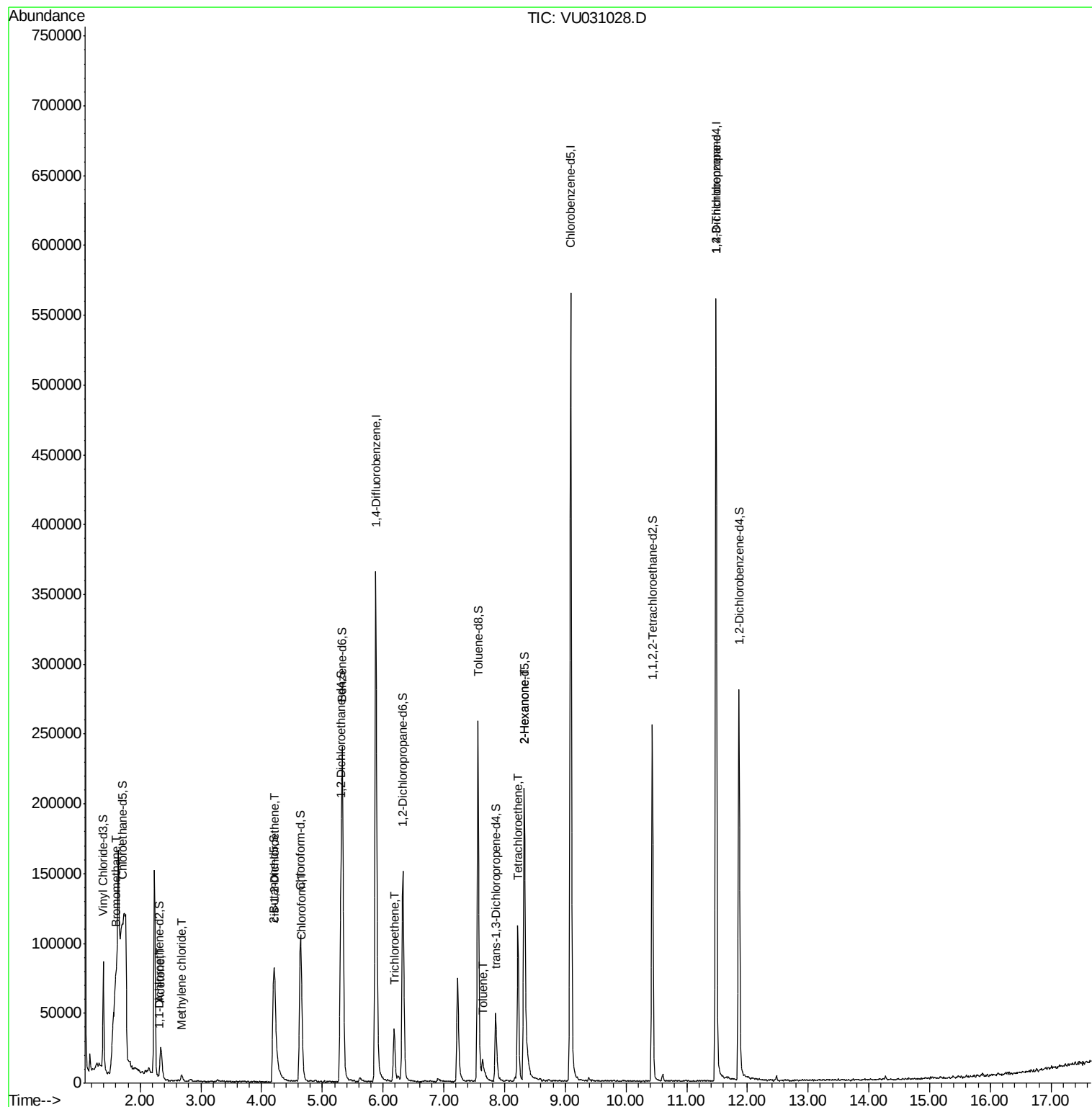
					Ovalue
6) Bromomethane	1.59	94	1799	0.955	ug/L 91
13) Acetone	2.34	43	39338	16.435	ug/L 68
16) Methylene chloride	2.69	84	2334	0.841	ug/L # 68
20) cis-1,2-Dichloroethene	4.22	96	20970	7.827	ug/L 95
25) Chloroform	4.67	83	12183	2.421	ug/L 90
34) Trichloroethene	6.18	95	14102	5.191	ug/L 90
42) Toluene	7.64	91	11588	1.025	ug/L 92
46) Tetrachloroethene	8.22	164	25632	12.977	ug/L 98
48) 2-Hexanone	8.32	43	11457	2.912	ug/L # 70
59) 1,2,3-Trichloropropane	11.49	75	18243	4.856	ug/L 91

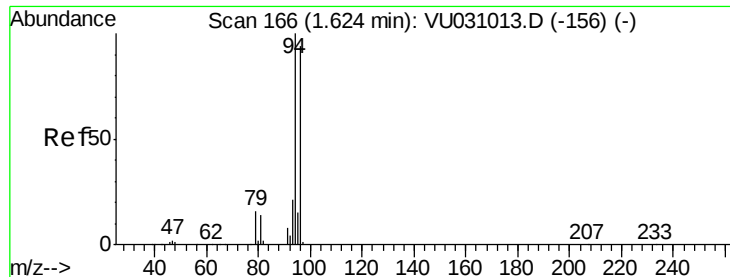
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.955 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.03 min

Lab File: VU031028.D

Acq: 10 Apr 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

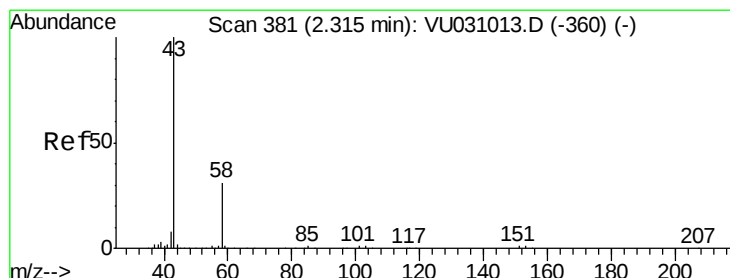
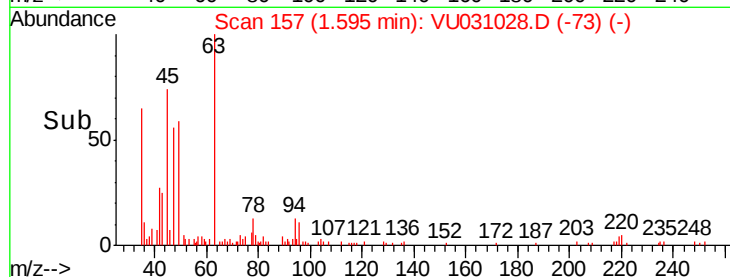
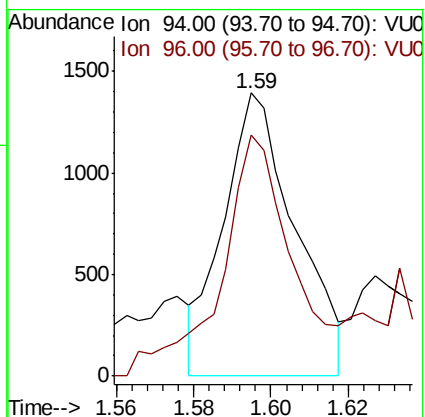
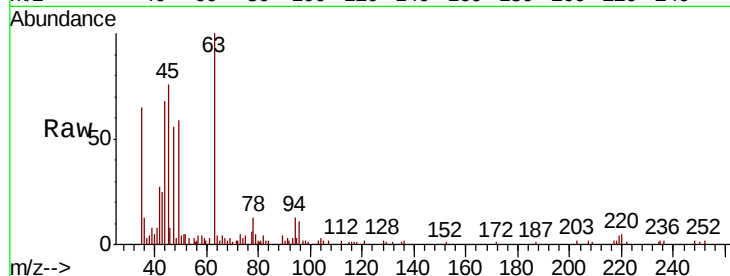
BF2R5MERE

Tot Ion: 94 Resp: 1799

Ion Ratio Lower Upper

94 100

96 85.2 65.5 121.7



#13

Acetone

Concen: 16.435 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU031028.D

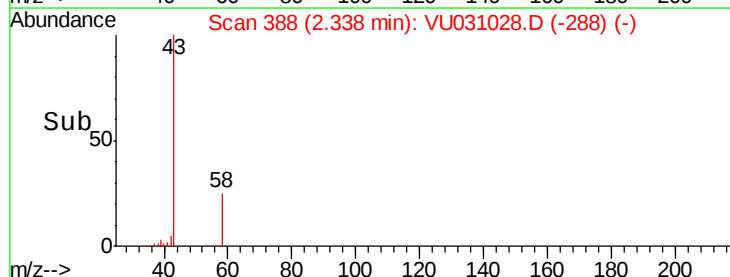
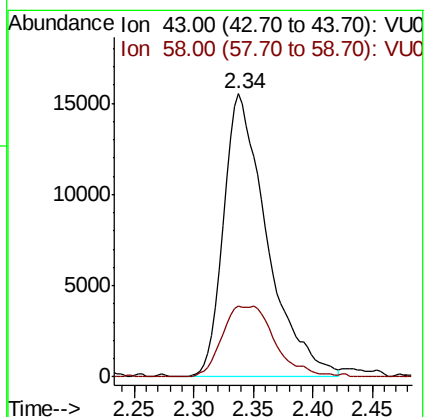
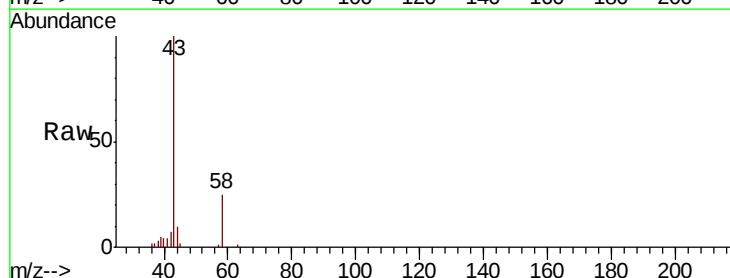
Acq: 10 Apr 2019 21:52

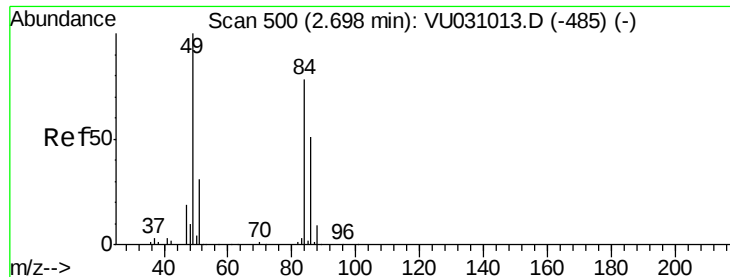
Tgt Ion: 43 Resp: 39338

Ion Ratio Lower Upper

43 100

58 14.3 0.0 64.0

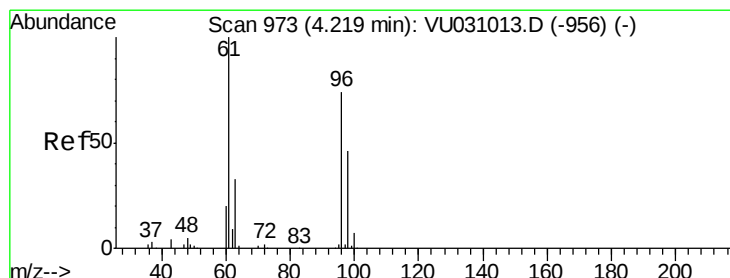
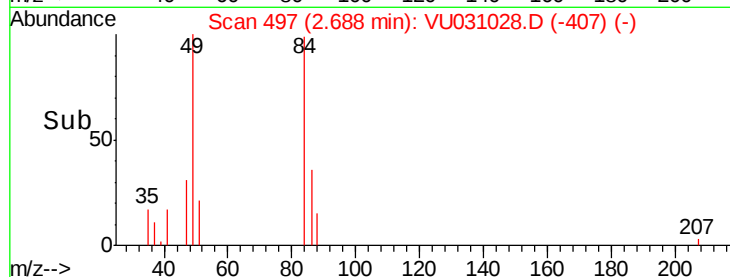
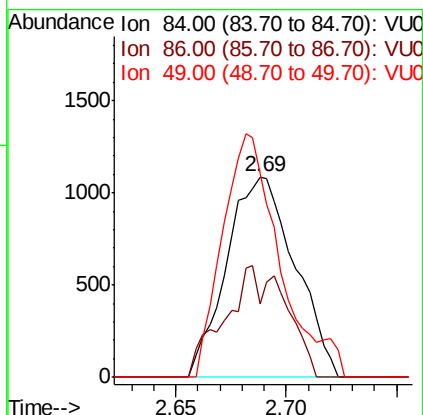
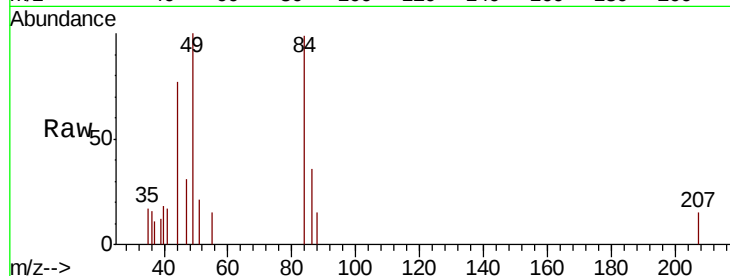




#16
Methvlene chloride
Concen: 0.841 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU031028.D
Acq: 10 Apr 2019 21:52

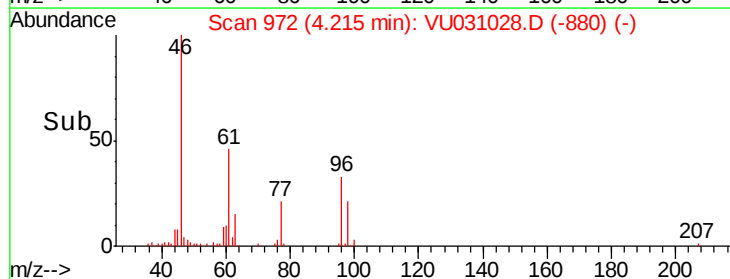
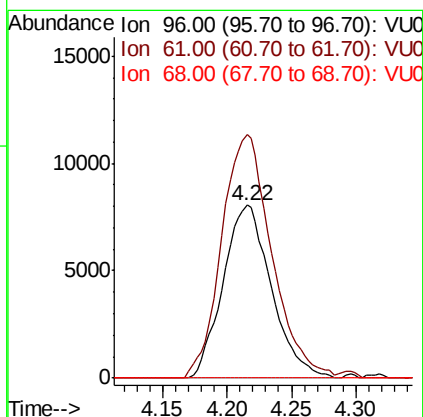
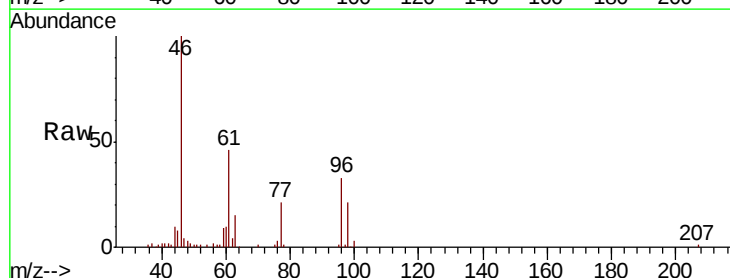
Instrument :
MSVOA_U
ClientSampleId :
BF2R5MERE

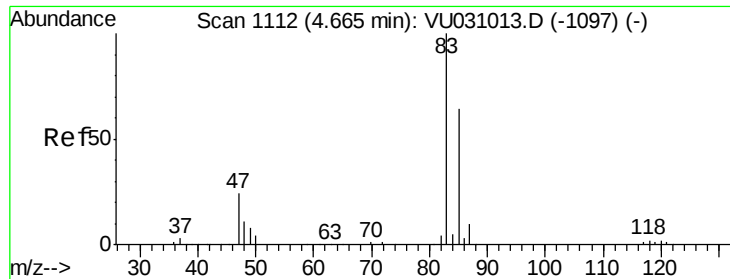
Tot Ion: 84 Resp: 2334
Ion Ratio Lower Upper
84 100
86 36.7 45.1 83.7#
49 101.5 96.5 179.1



#20
cis-1,2-Dichloroethene
Concen: 7.827 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU031028.D
Acq: 10 Apr 2019 21:52

Tgt Ion: 96 Resp: 20970
Ion Ratio Lower Upper
96 100
61 140.6 102.9 191.1
68 0.0 0.0 0.0

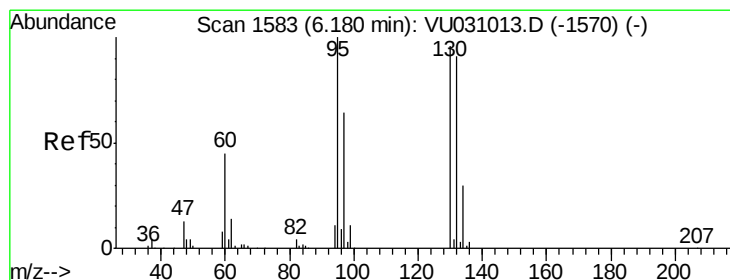
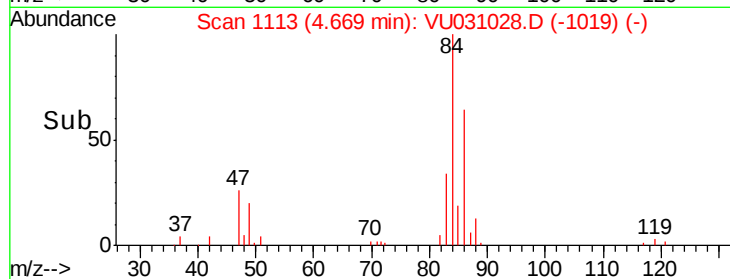
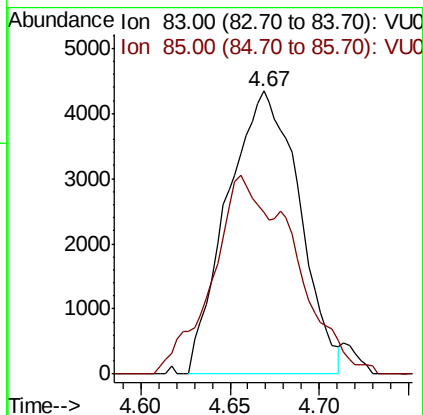
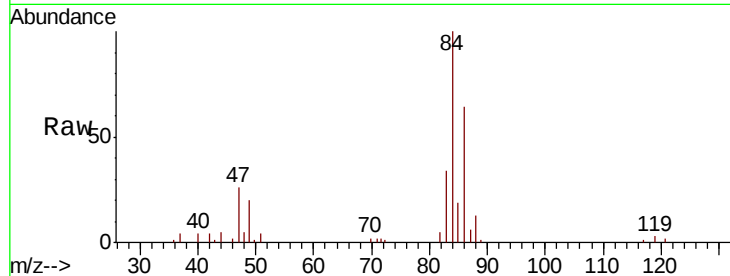




#25
Chloroform
Concen: 2.421 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031028.D
Acq: 10 Apr 2019 21:52

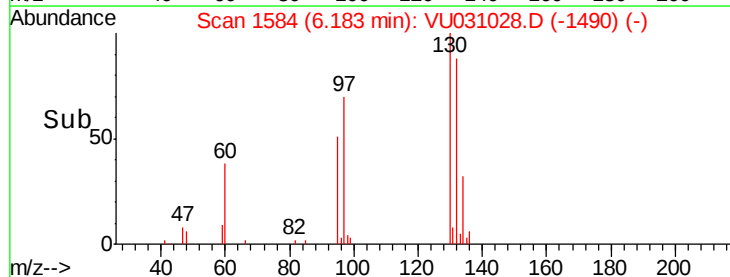
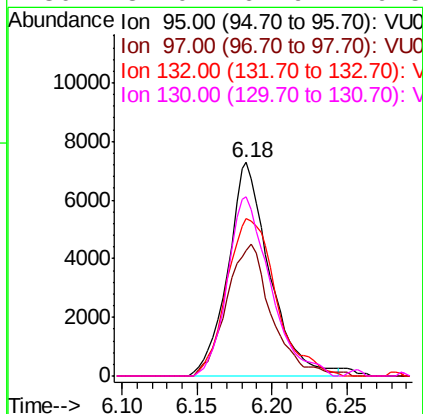
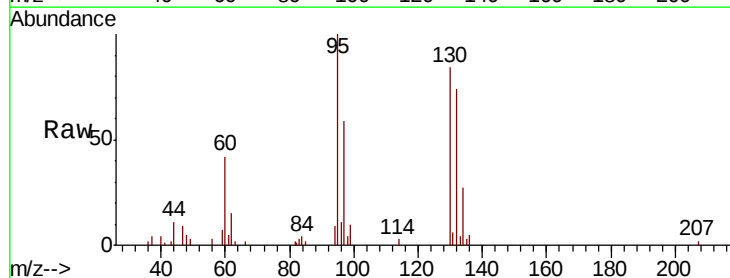
Instrument :
MSVOA_U
ClientSampleId :
BF2R5MERE

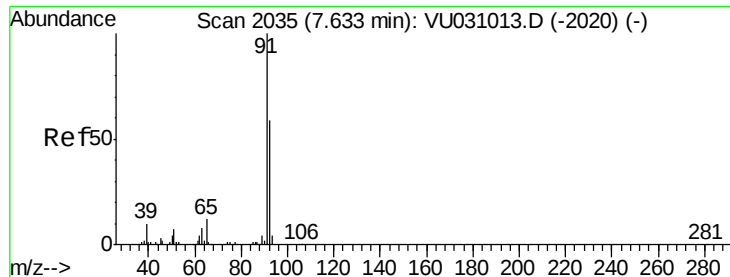
Tot Ion: 83 Resp: 12183
Ion Ratio Lower Upper
83 100
85 57.1 45.8 85.0



#34
Trichloroethene
Concen: 5.191 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031028.D
Acq: 10 Apr 2019 21:52

Tgt Ion: 95 Resp: 14102
Ion Ratio Lower Upper
95 100
97 58.9 44.5 82.7
132 74.0 61.5 114.1
130 84.0 64.9 120.5





#42

Toluene

Concen: 1.025 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031028.D

Acq: 10 Apr 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

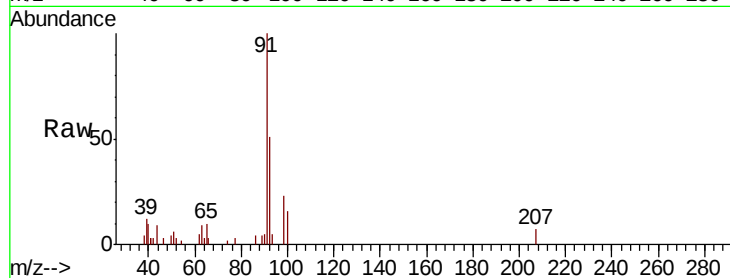
BF2R5MERE

Tot Ion: 91 Resp: 11588

Ion Ratio Lower Upper

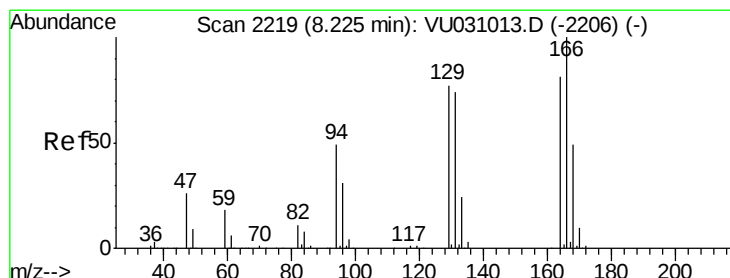
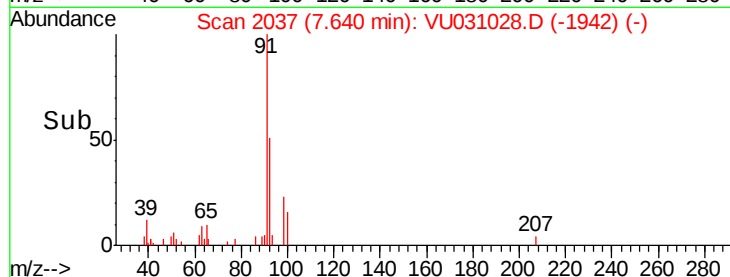
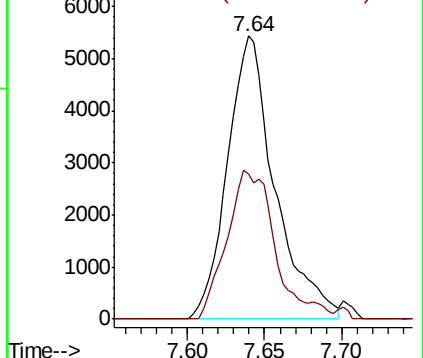
91 100

92 51.1 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031013.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031013.D (-2020) (-)



#46

Tetrachloroethene

Concen: 12.977 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031028.D

Acq: 10 Apr 2019 21:52

Tgt Ion: 164 Resp: 25632

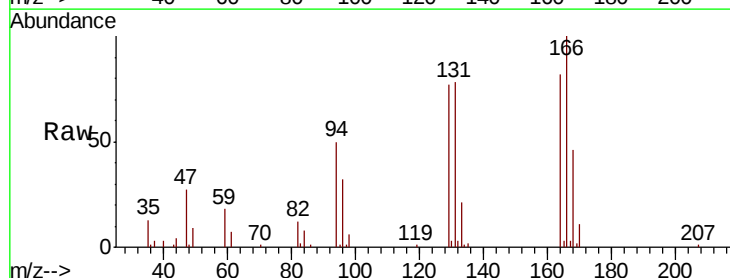
Ion Ratio Lower Upper

164 100

129 94.3 67.4 125.2

131 94.5 65.9 122.5

166 121.8 88.6 164.6

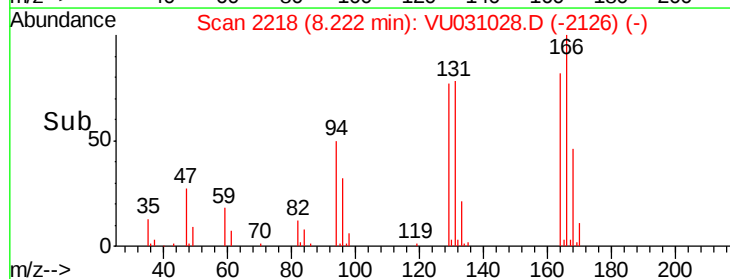
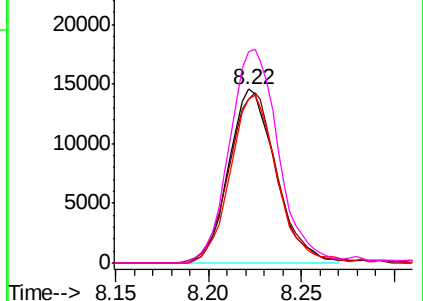


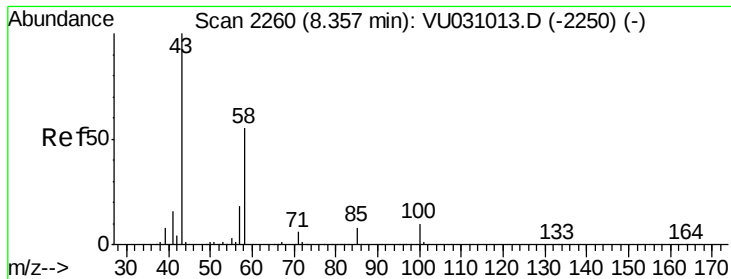
Abundance Ion 164.00 (163.70 to 164.70): VU031013.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031013.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031013.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031013.D (-2206) (-)

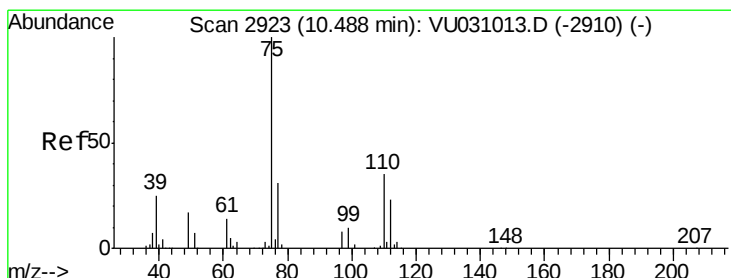
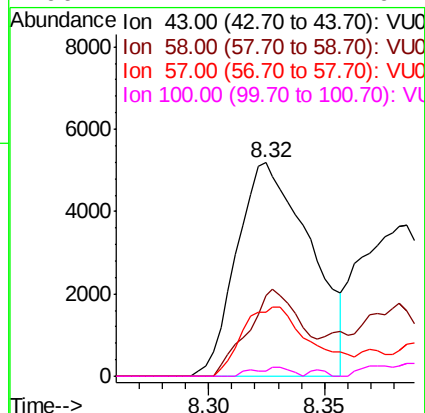
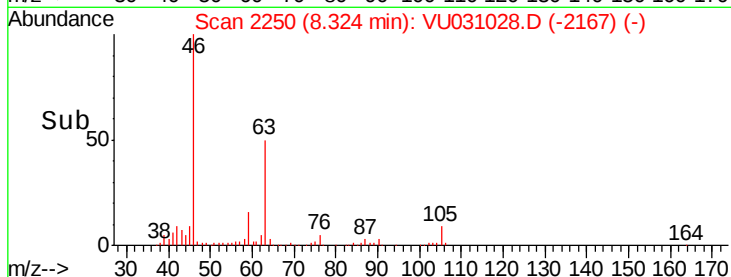
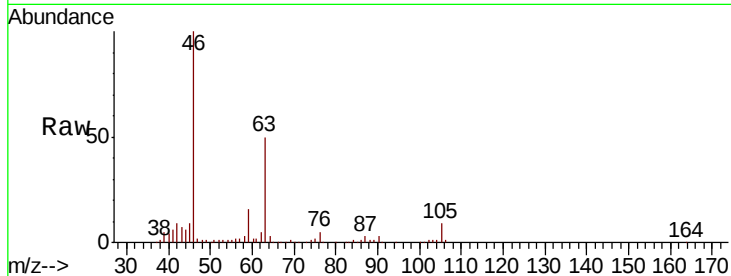




#48
2-Hexanone
Concen: 2.912 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.03 min
Lab File: VU031028.D
Acq: 10 Apr 2019 21:52

Instrument :
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ClientSampleId :
BF2R5MERE

Tot Ion: 43 Resp: 11457
Ion Ratio Lower Upper
43 100
58 29.5 41.9 62.9#
57 30.8 14.3 21.5#
100 1.4 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.856 ug/L
RT: 11.49 min Scan# 3233
Delta R.T. 1.00 min
Lab File: VU031028.D
Acq: 10 Apr 2019 21:52

Tgt Ion: 75 Resp: 18243
Ion Ratio Lower Upper
75 100
77 37.4 26.1 39.1

