

Data File : VU031149.D
Acq On : 12 Apr 2019 23:13
Operator : JC/SP
Sample : K2409-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC22

Quant Time: Apr 13 01:09:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	497621	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208578	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.90%
7) Chloroethane-d5	1.68	69	155491	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.24%
11) 1,1-Dichloroethene-d2	2.26	63	261748	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.17	46	301486	85.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.63%
24) Chloroform-d	4.64	84	318848	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
26) 1,2-Dichloroethane-d4	5.31	65	220182	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
32) Benzene-d6	5.33	84	652073	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.32	67	223335	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.32%
41) Toluene-d8	7.56	98	562078	43.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.92%
43) trans-1,3-Dichloropropene-	7.85	79	93863	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.34%
47) 2-Hexanone-d5	8.31	63	183654	80.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298867	44.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	198401	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

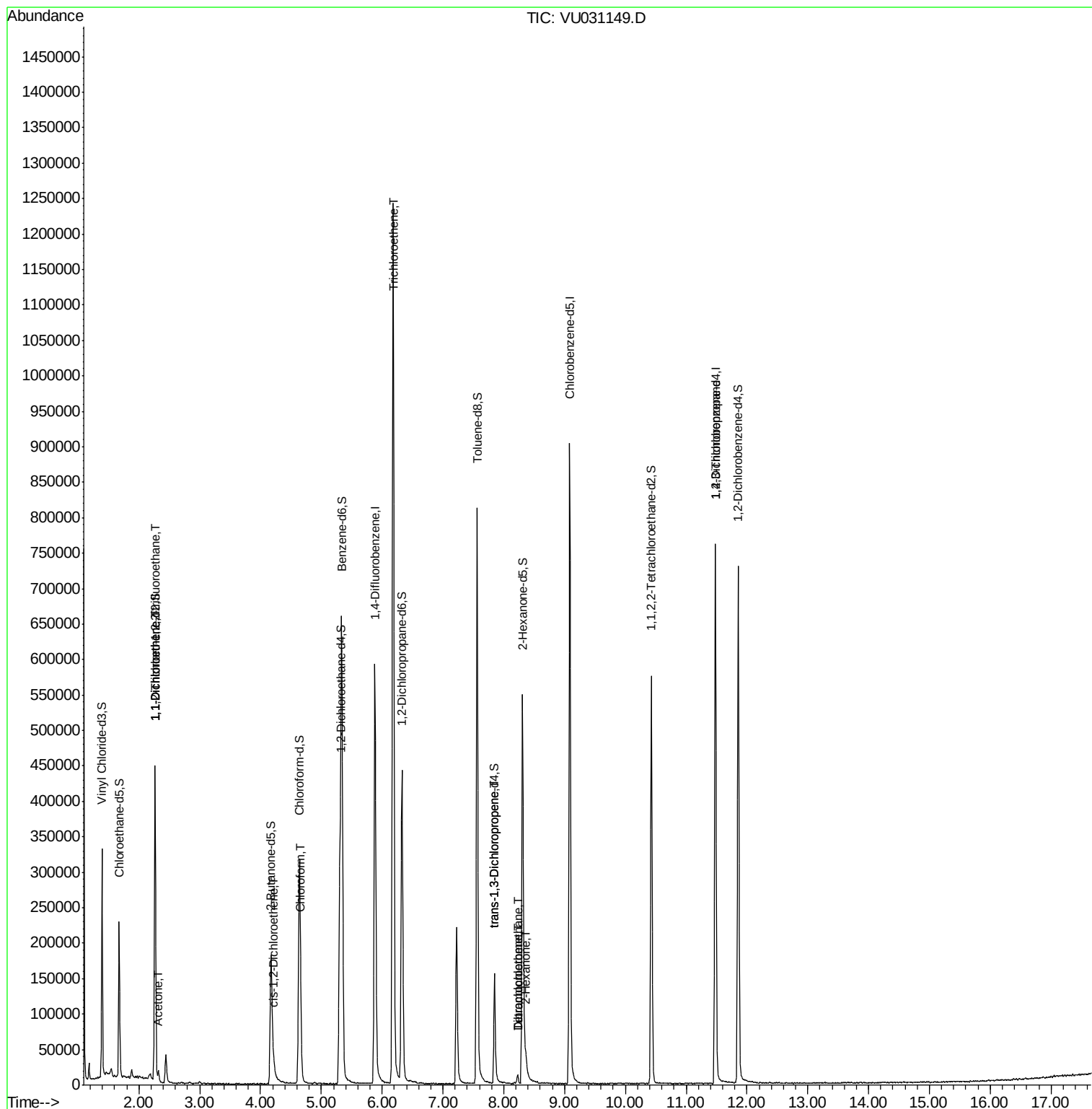
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2464	0.692	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	8631	2.509	ug/L #	1
13) Acetone	2.32	43	13247	3.677	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	2639	0.654	ug/L	95
25) Chloroform	4.67	83	14430	1.905	ug/L	98
34) Trichloroethene	6.18	95	450618	112.332	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	4181	0.720	ug/L	94
46) Tetrachloroethene	8.22	164	3093	1.061	ug/L	95
48) 2-Hexanone	8.37	43	11222	1.931	ug/L #	76
49) Dibromochloromethane	8.23	129	2933	0.704	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	23330	4.206	ug/L	90

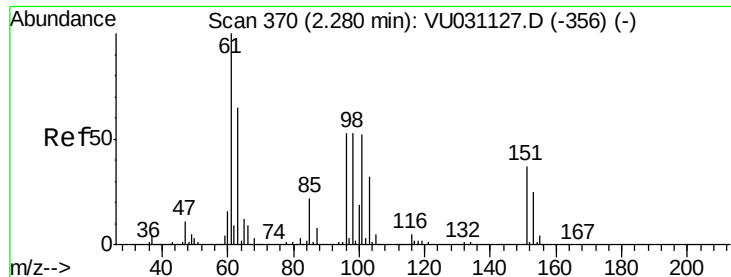
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031149.D
Acq On : 12 Apr 2019 23:13
Operator : JC/SP
Sample : K2409-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC22

Quant Time: Apr 13 01:09:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration





#10

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

Concen: 0.692 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031149.D

Acq: 12 Apr 2019 23:13

Instrument :

MSVOA_U

ClientSampleId :

BFC22

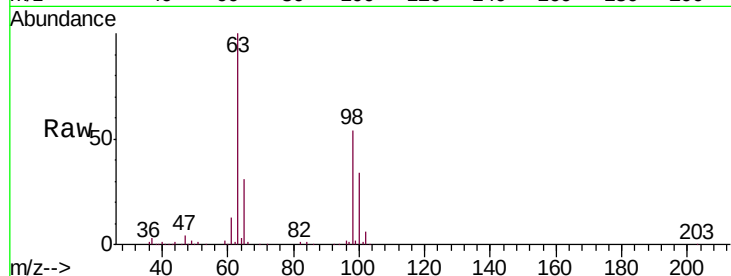
Tgt Ion: 101 Resp: 2464

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

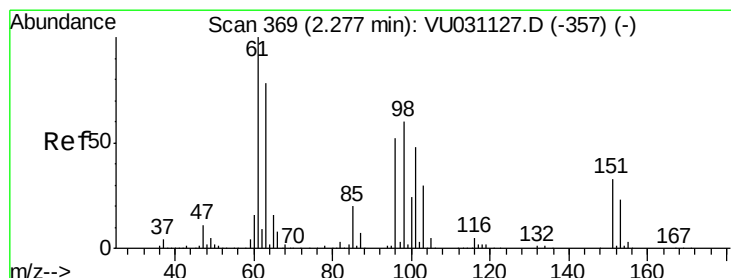
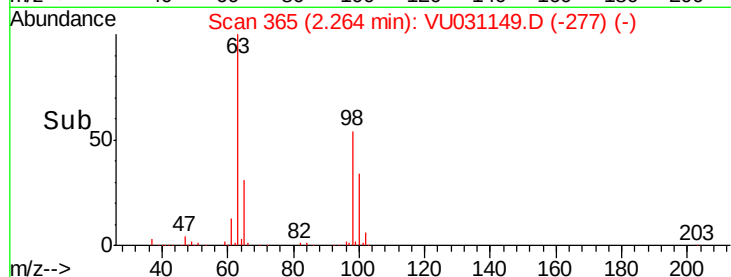
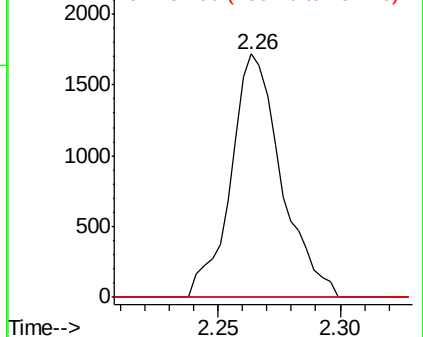
151 0.0 57.4 86.0#



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: 2.509 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU031149.D

Acq: 12 Apr 2019 23:13

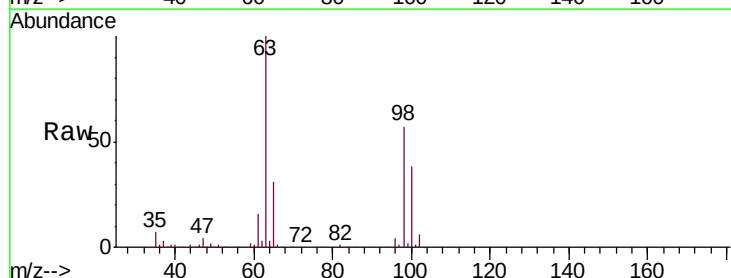
Tgt Ion: 96 Resp: 8631

Ion Ratio Lower Upper

96 100

61 380.1 132.0 245.2#

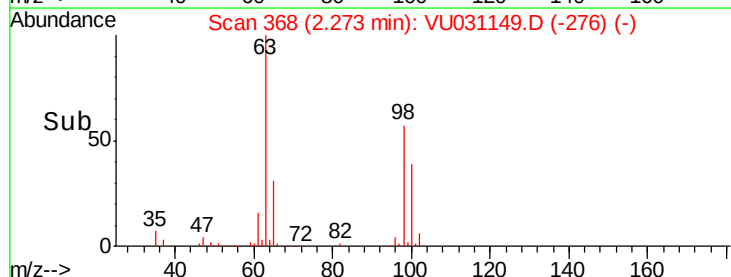
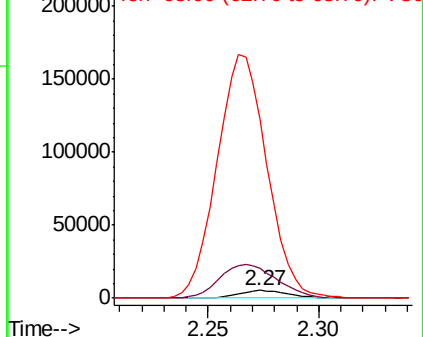
63 2313.2 90.9 168.9#

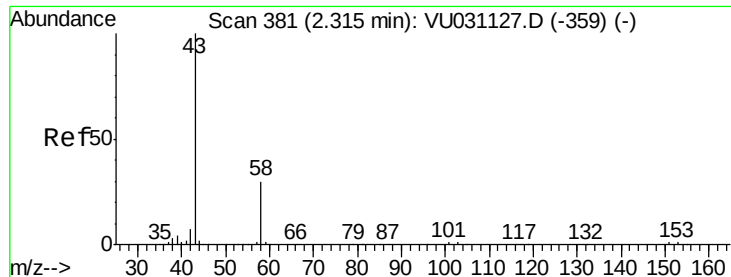


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.677 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031149.D

Acq: 12 Apr 2019 23:13

Instrument :

MSVOA_U

ClientSampleId :

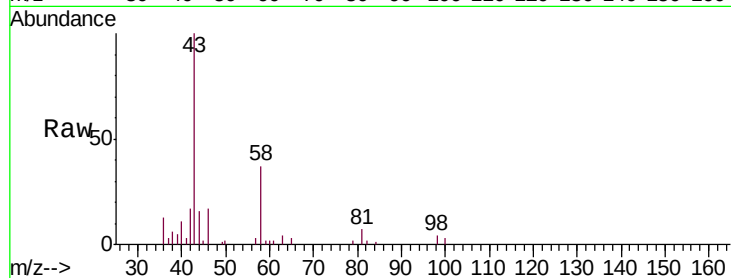
BFC22

Tgt Ion: 43 Resp: 13247

Ion Ratio Lower Upper

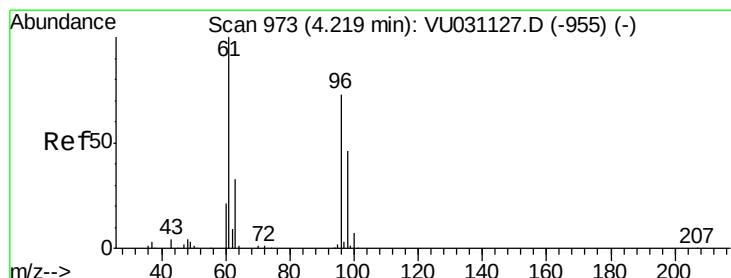
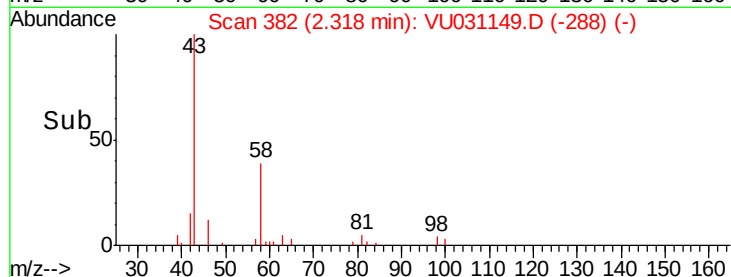
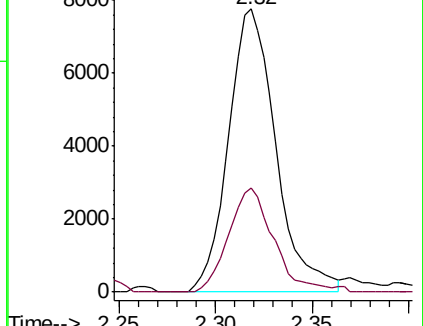
43 100

58 34.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031127.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU031127.D (-359) (-)



#20

cis-1,2-Dichloroethene

Concen: 0.654 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031149.D

Acq: 12 Apr 2019 23:13

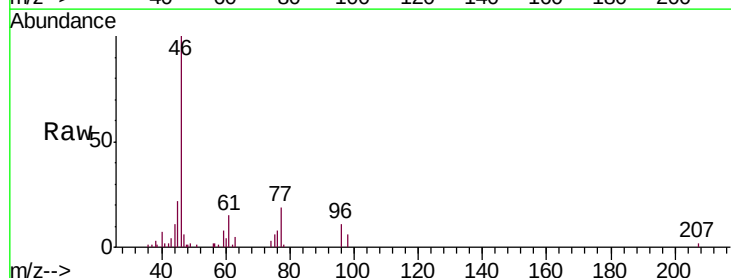
Tgt Ion: 96 Resp: 2639

Ion Ratio Lower Upper

96 100

61 140.8 102.9 191.1

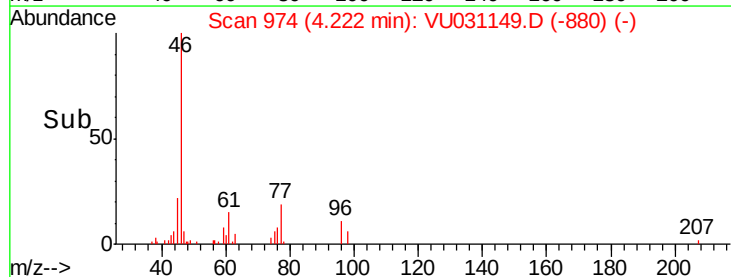
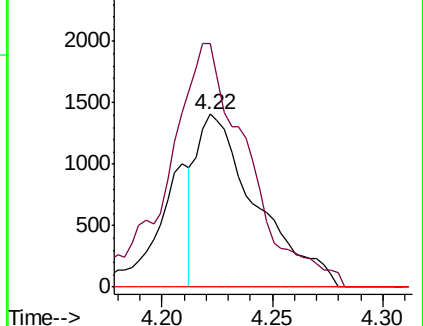
68 0.0 0.0 0.0

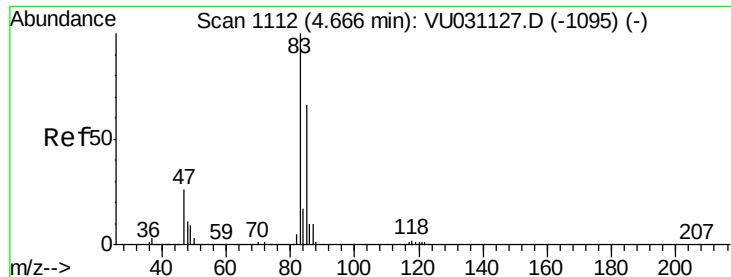


Abundance Ion 96.00 (95.70 to 96.70): VU031127.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU031127.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU031127.D (-955) (-)





#25

Chloroform

Concen: 1.905 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031149.D

Acq: 12 Apr 2019 23:13

Instrument :

MSVOA_U

ClientSampleId :

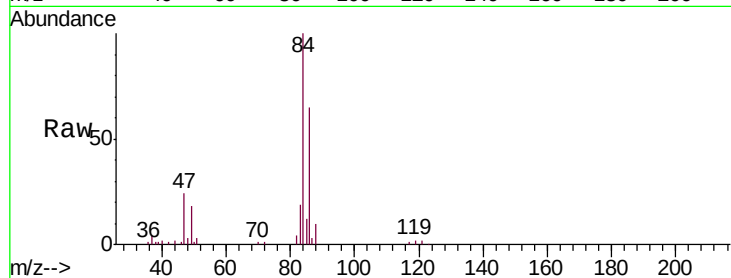
BFC22

Tgt Ion: 83 Resp: 14430

Ion Ratio Lower Upper

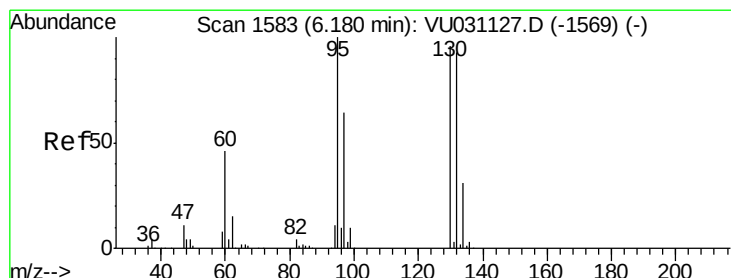
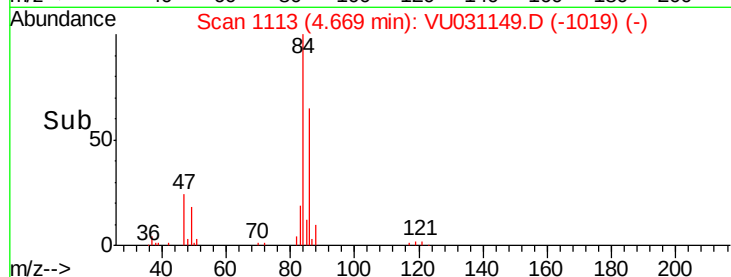
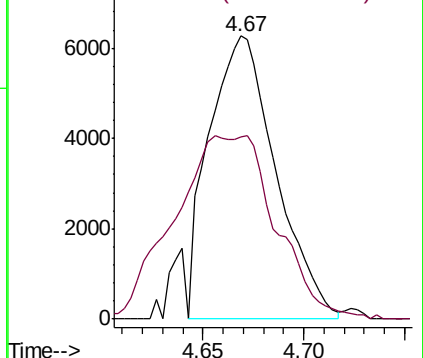
83 100

85 64.2 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031127.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU031127.D (-1095) (-)



#34

Trichloroethene

Concen: 112.332 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031149.D

Acq: 12 Apr 2019 23:13

Tgt Ion: 95 Resp: 450618

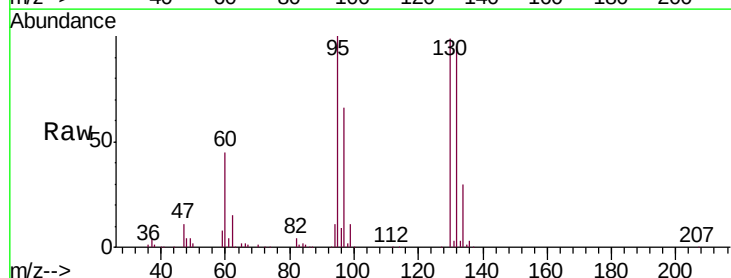
Ion Ratio Lower Upper

95 100

97 65.7 44.5 82.7

132 94.5 61.5 114.1

130 99.0 64.9 120.5

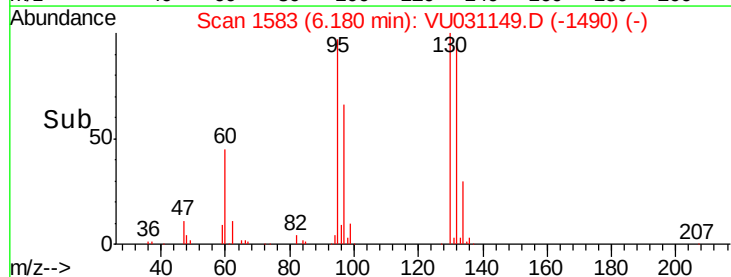
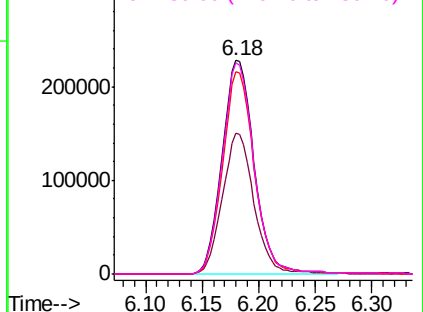


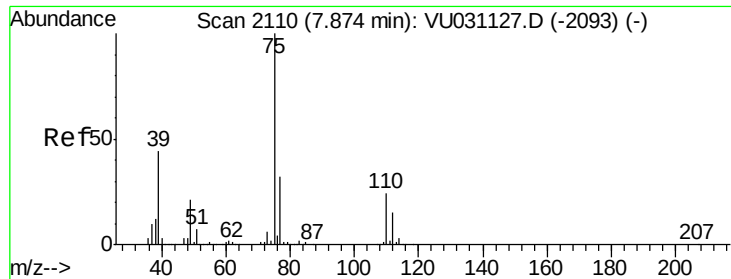
Abundance Ion 95.00 (94.70 to 95.70): VU031127.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031127.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031127.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031127.D (-1569) (-)

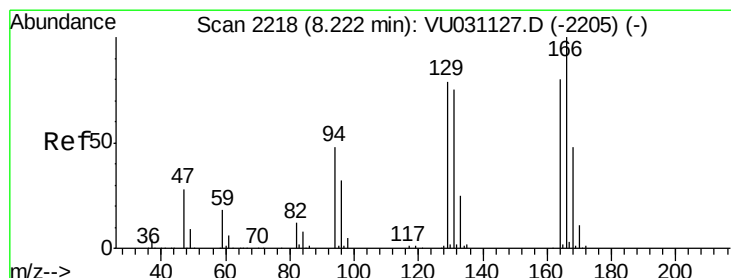
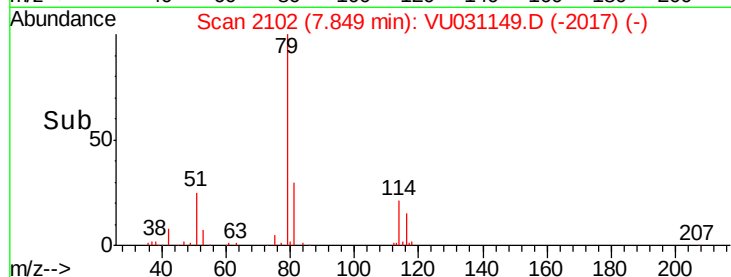
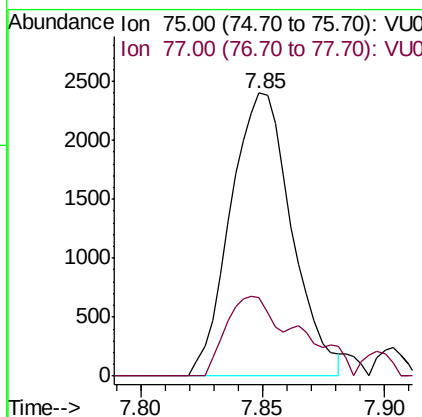
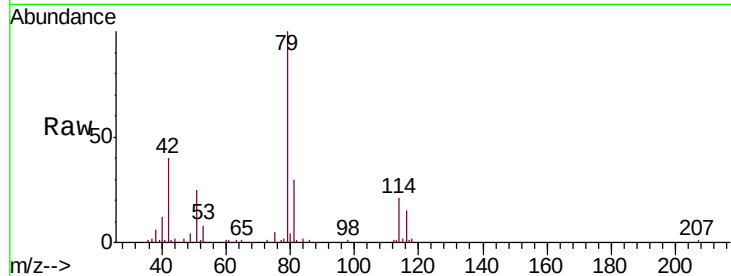




#44
trans-1,3-Dichloropropene
Concen: 0.720 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031149.D
Acq: 12 Apr 2019 23:13

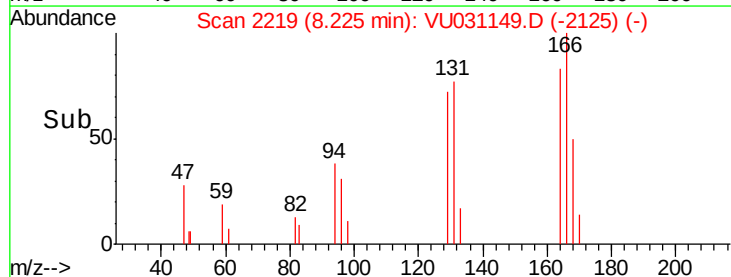
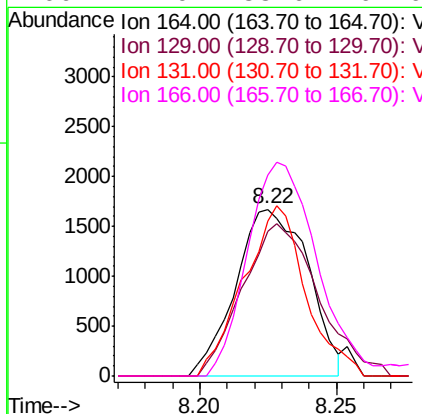
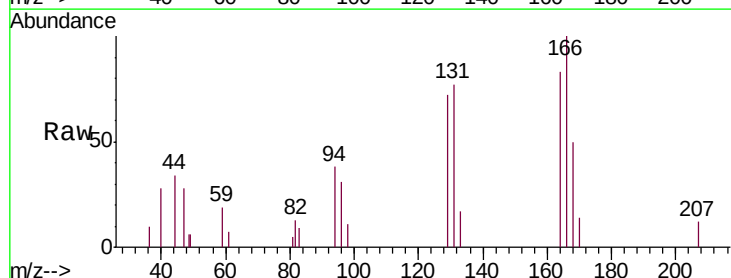
Instrument :
MSVOA_U
ClientSampleId :
BFC22

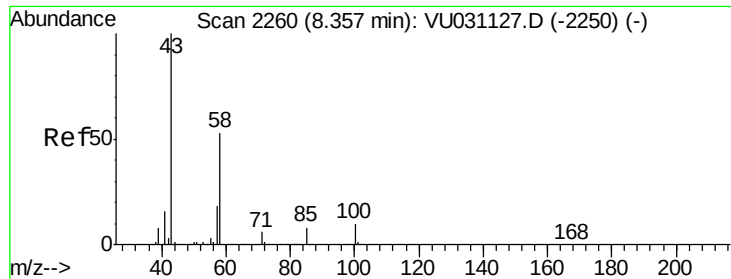
Tgt Ion: 75 Resp: 4181
Ion Ratio Lower Upper
75 100
77 27.6 21.6 40.0



#46
Tetrachloroethene
Concen: 1.061 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031149.D
Acq: 12 Apr 2019 23:13

Tgt Ion: 164 Resp: 3093
Ion Ratio Lower Upper
164 100
129 87.2 67.4 125.2
131 92.9 65.9 122.5
166 121.0 88.6 164.6

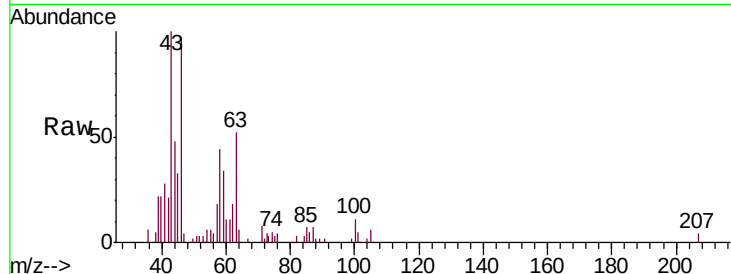




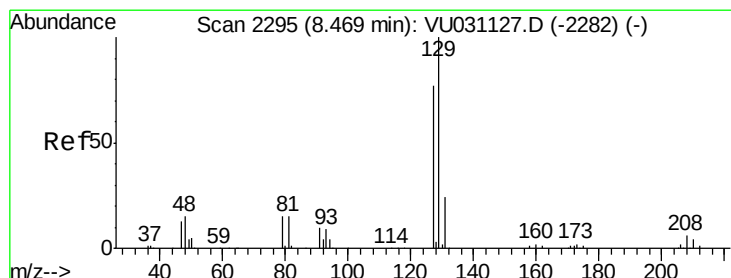
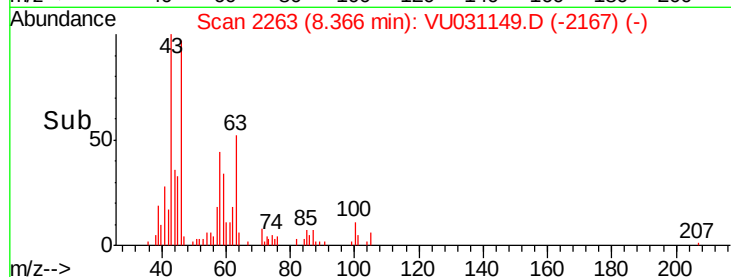
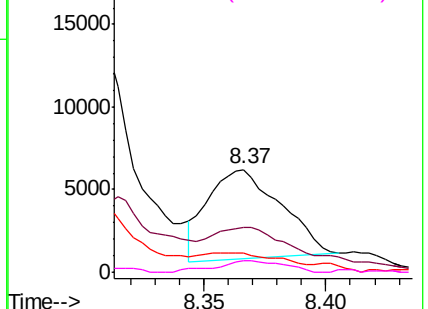
#48
2-Hexanone
Concen: 1.931 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031149.D
Acq: 12 Apr 2019 23:13

Instrument :
MSVOA_U
ClientSampleId :
BFC22

Tgt Ion: 43 Resp: 11222
Ion Ratio Lower Upper
43 100
58 67.5 41.9 62.9#
57 0.0 14.3 21.5#
100 10.2 7.1 10.7

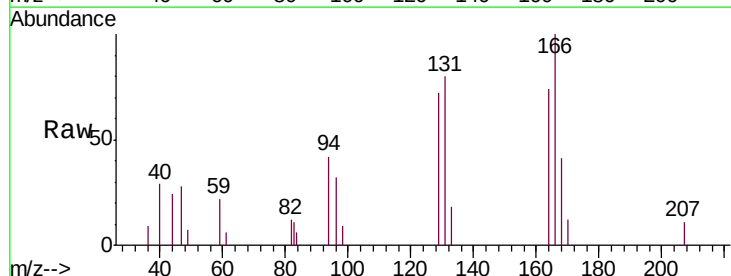


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

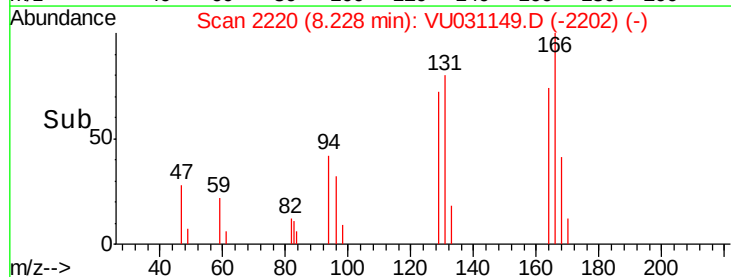
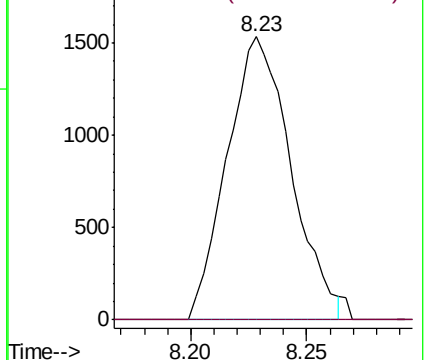


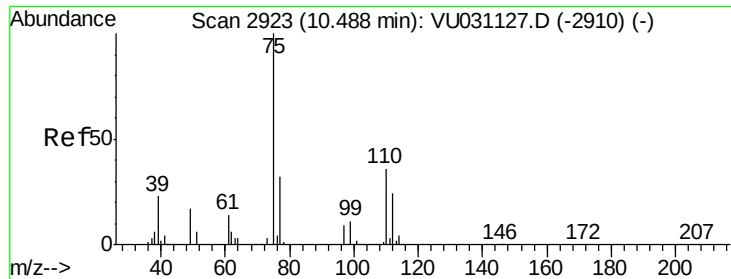
#49
Dibromochloromethane
Concen: 0.704 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU031149.D
Acq: 12 Apr 2019 23:13

Tgt Ion: 129 Resp: 2933
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59
 1,2,3-Trichloropropane
 Concen: 4.206 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031149.D
 Acq: 12 Apr 2019 23:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC22

Tgt Ion: 75 Resp: 23330
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.1 39.1

