

Data File : VU029953.D
Acq On : 10 Mar 2019 16:48
Operator : JC/SP
Sample : K1818-17DL 5X
Misc : 4.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R7DL

Quant Time: Mar 11 07:15:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	561914	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	574808	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	285685	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145336	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.78%
7) Chloroethane-d5	1.64	69	109029	37.83	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.66%
11) 1,1-Dichloroethene-d2	2.26	63	202825	31.39	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.78%
21) 2-Butanone-d5	4.17	46	248095	93.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.40%
24) Chloroform-d	4.64	84	275246	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
26) 1,2-Dichloroethane-d4	5.30	65	169724	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
32) Benzene-d6	5.33	84	610803	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.28%
36) 1,2-Dichloropropane-d6	6.32	67	184727	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.40%
41) Toluene-d8	7.56	98	579445	42.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.32%
43) trans-1,3-Dichloropropene-	7.85	79	85670	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.84%
47) 2-Hexanone-d5	8.31	63	212219	91.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312260	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	249871	44.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.18%

Target Compounds

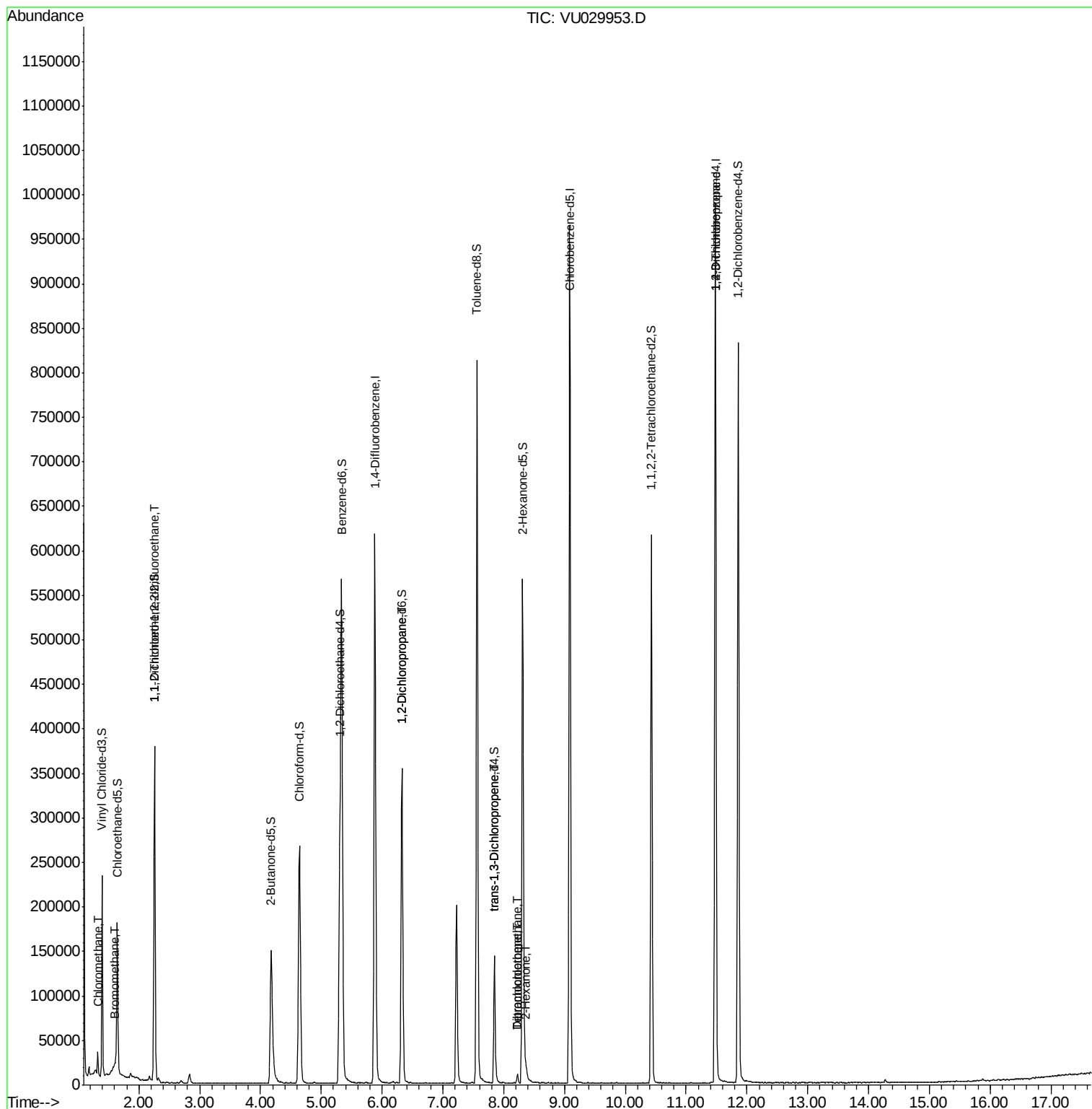
					Qvalue
3) Chloromethane	1.32	50	19484	3.435	ug/L 100
6) Bromomethane	1.60	94	1343	1.153	ug/L 86
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2029	0.567	ug/L # 17
37) 1,2-Dichloropropane	6.32	63	17830	4.456	ug/L # 87
44) trans-1,3-Dichloropropene	7.85	75	3318	0.612	ug/L 85
46) Tetrachloroethene	8.23	164	2543	0.714	ug/L 93
48) 2-Hexanone	8.37	43	4634	1.027	ug/L # 86
49) Dibromochloromethane	8.22	129	2359	0.531	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	28444	5.363	ug/L 93

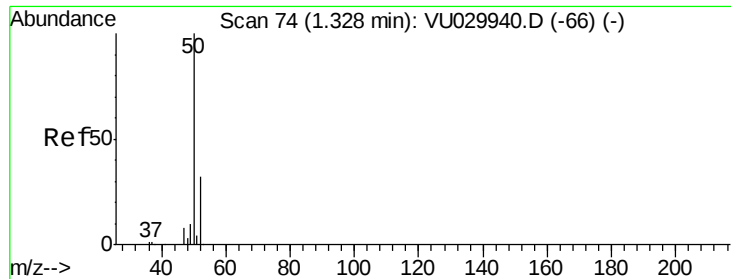
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.435 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029953.D

Acq: 10 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

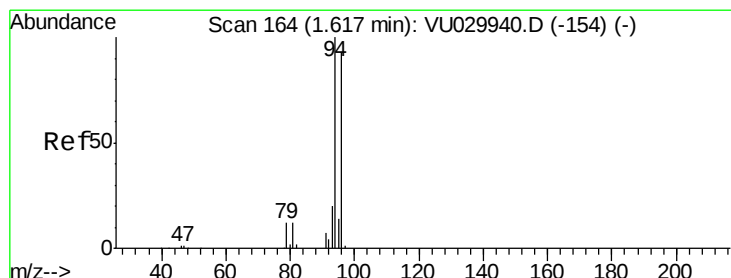
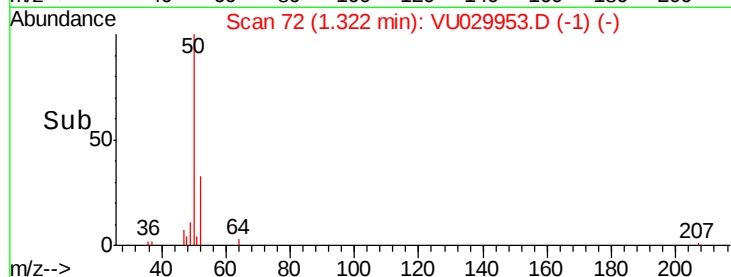
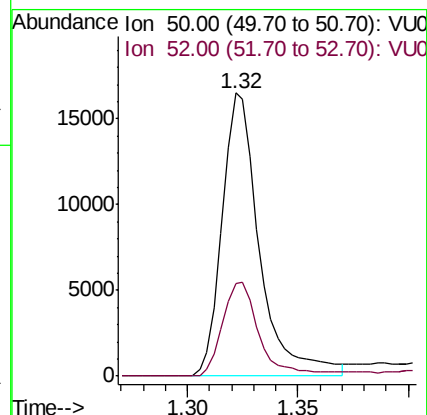
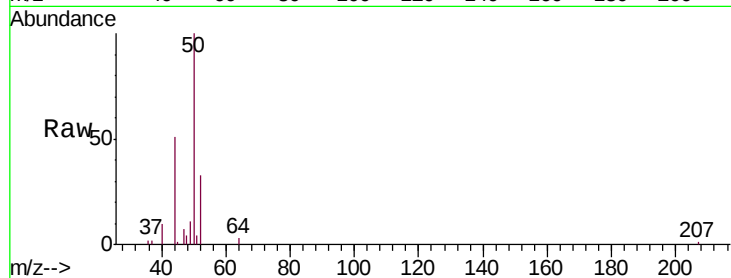
BF0R7DL

Tgt Ion: 50 Resp: 19484

Ion Ratio Lower Upper

50 100

52 32.8 23.1 42.9



#6

Bromomethane

Concen: 1.153 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029953.D

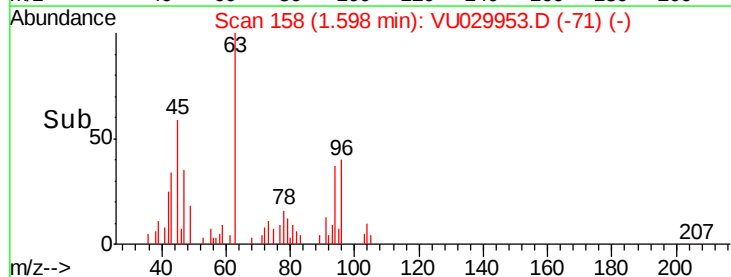
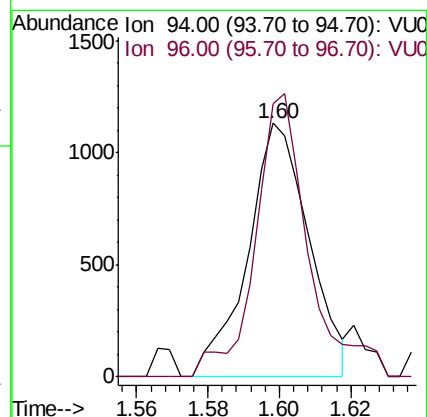
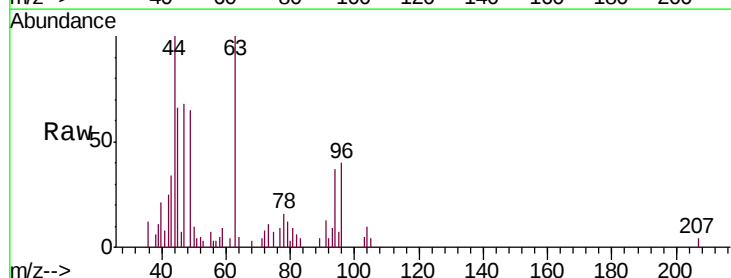
Acq: 10 Mar 2019 16:48

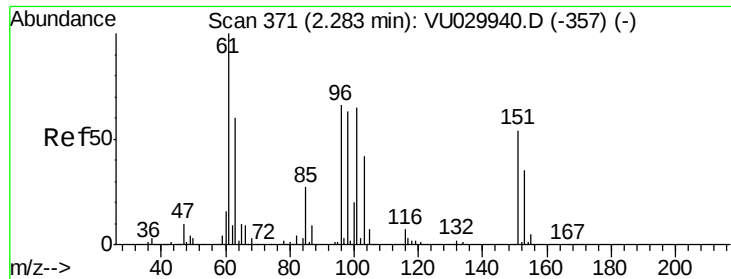
Tgt Ion: 94 Resp: 1343

Ion Ratio Lower Upper

94 100

96 107.6 65.7 121.9





#10

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

Concen: 0.567 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.03 min

Lab File: VU029953.D

Acq: 10 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

BF0R7DL

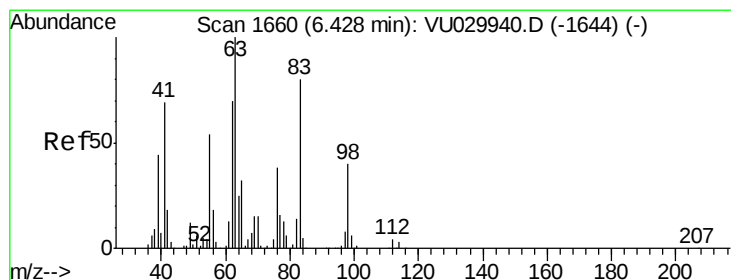
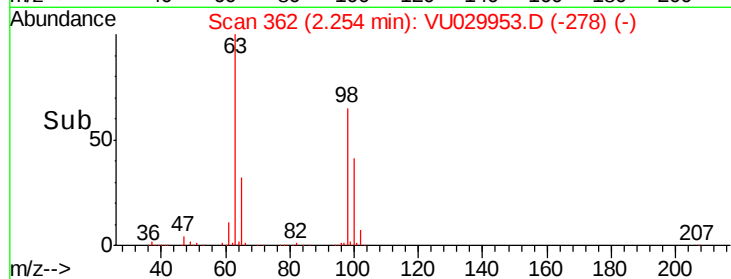
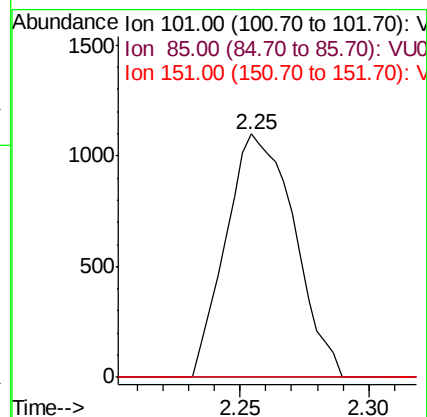
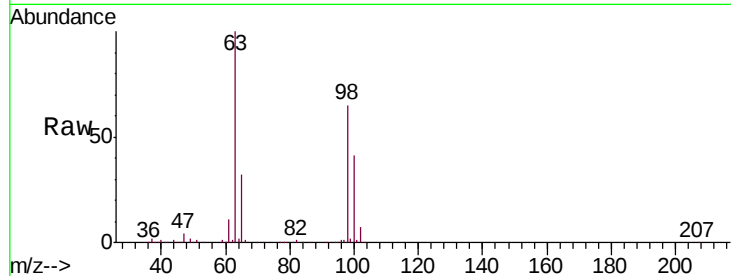
Tgt Ion: 101 Resp: 2029

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 0.0 65.8 98.6#



#37

1,2-Dichloropropane

Concen: 4.456 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU029953.D

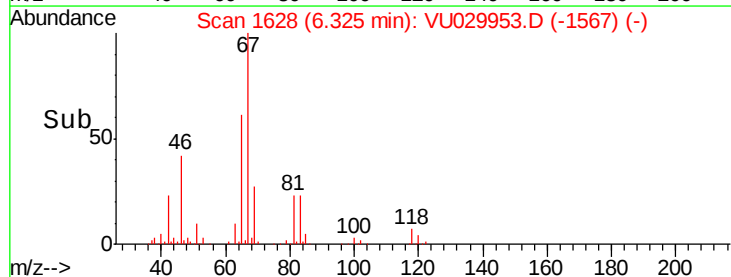
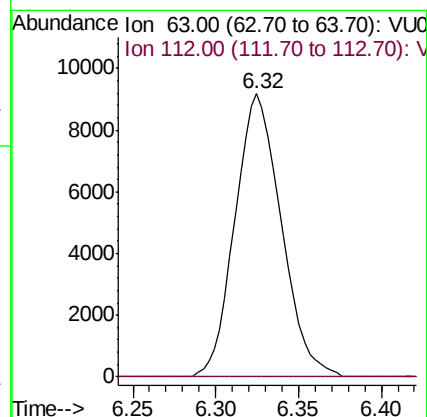
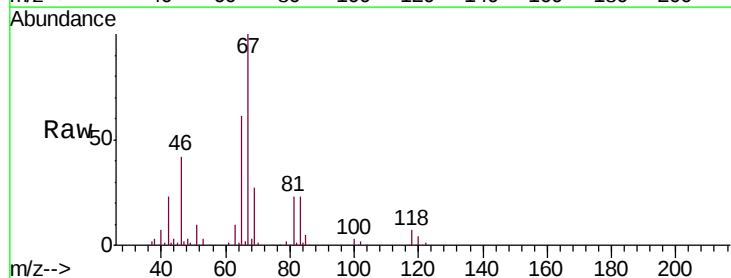
Acq: 10 Mar 2019 16:48

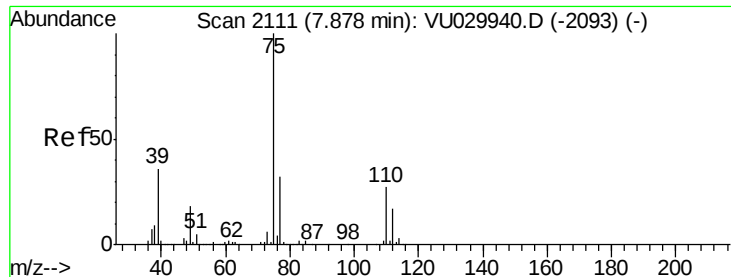
Tgt Ion: 63 Resp: 17830

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#44

trans-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029953.D

Acq: 10 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

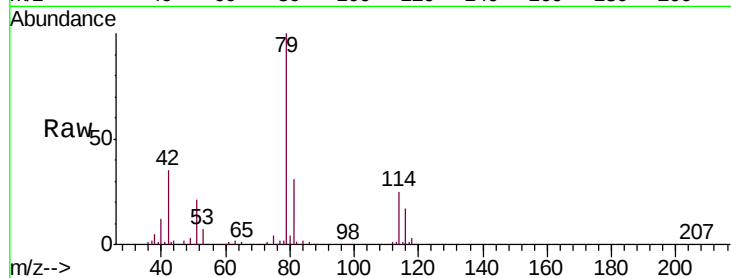
BF0R7DL

Tgt Ion: 75 Resp: 3318

Ion Ratio Lower Upper

75 100

77 39.7 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU029940.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU029940.D (-2093) (-)

7.85

2000

1500

1000

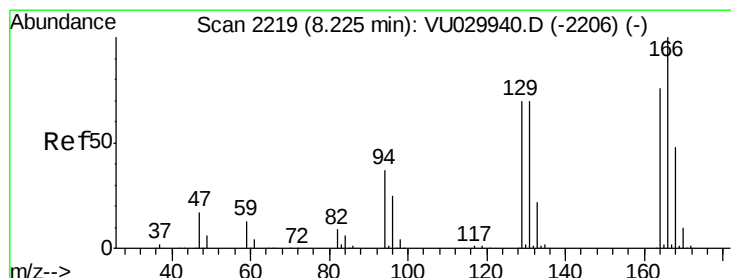
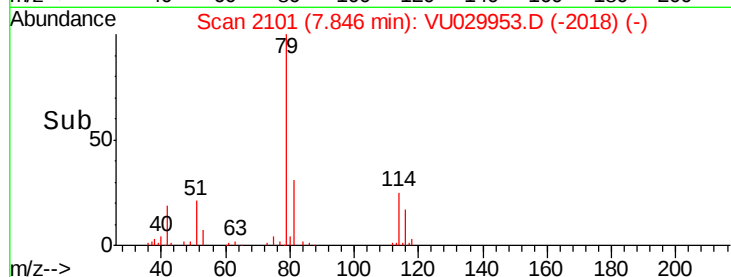
500

0

7.80

7.85

Time-->



#46

Tetrachloroethene

Concen: 0.714 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU029953.D

Acq: 10 Mar 2019 16:48

Tgt Ion: 164 Resp: 2543

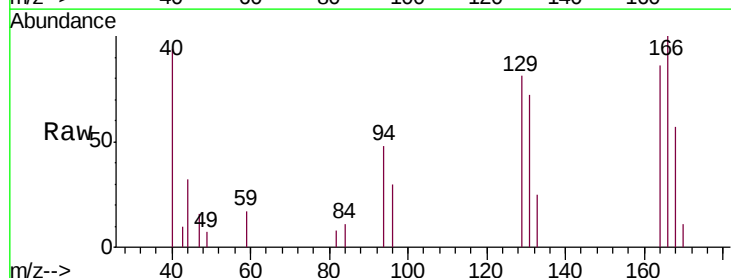
Ion Ratio Lower Upper

164 100

129 94.0 61.0 113.2

131 83.4 60.5 112.3

166 116.6 88.3 163.9



Abundance Ion 164.00 (163.70 to 164.70): VU029940.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU029940.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU029940.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU029940.D (-2206) (-)

2500

2000

1500

1000

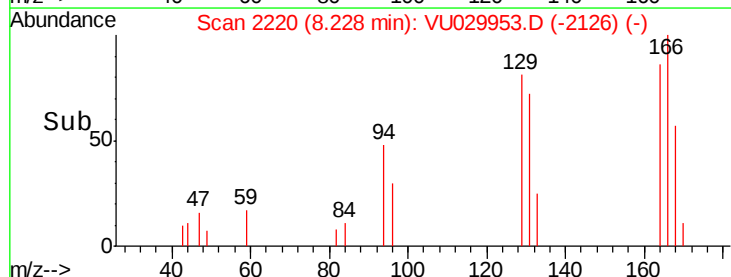
500

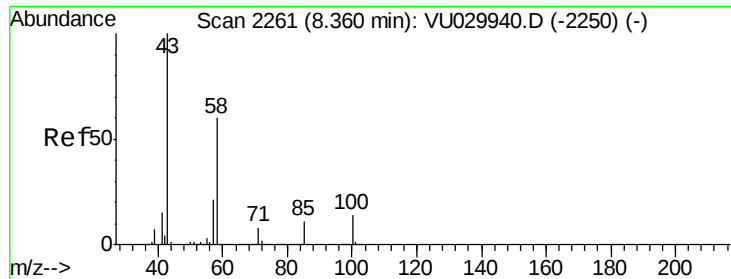
0

8.20

8.23

Time-->

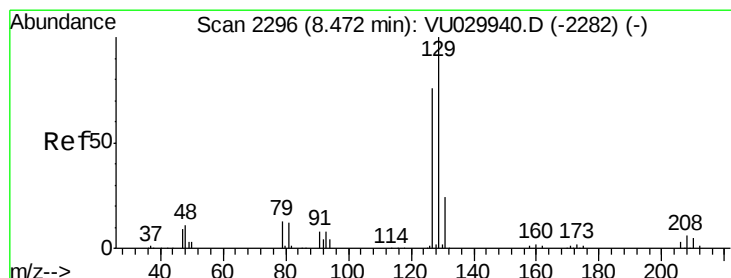
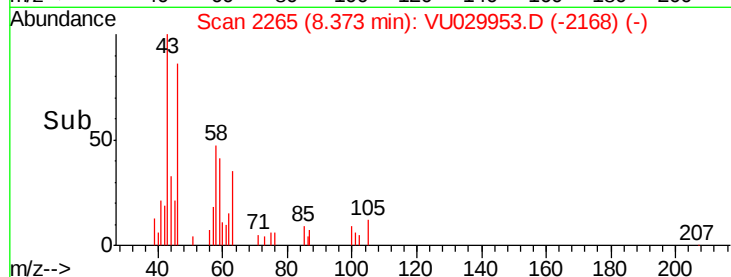
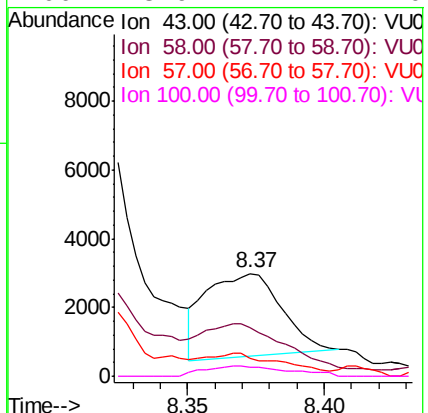
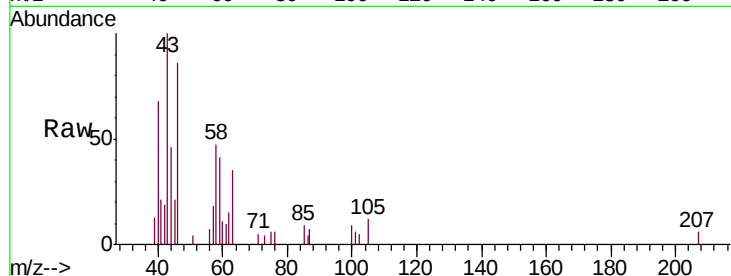




#48
2-Hexanone
Concen: 1.027 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU029953.D
Acq: 10 Mar 2019 16:48

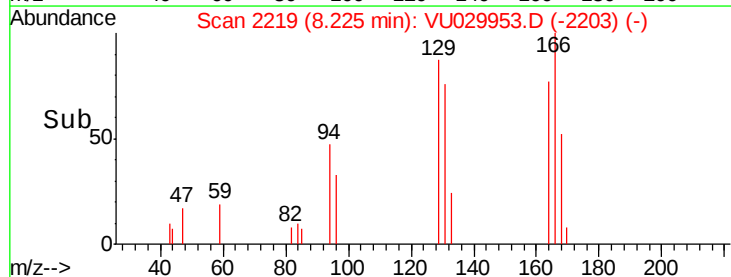
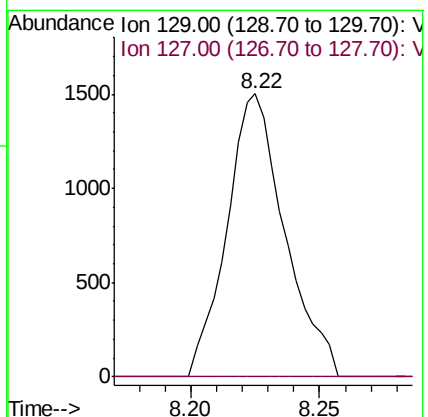
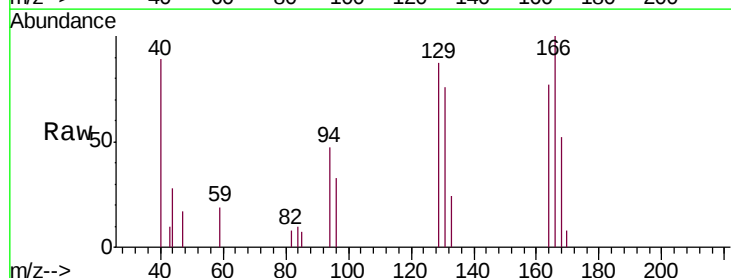
Instrument :
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ClientSampleId :
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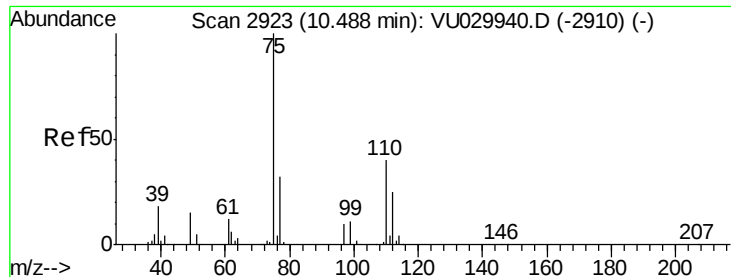
Tgt Ion: 43 Resp: 4634
Ion Ratio Lower Upper
43 100
58 68.6 49.2 73.8
57 4.1 16.6 25.0#
100 13.9 11.4 17.0



#49
Dibromochloromethane
Concen: 0.531 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029953.D
Acq: 10 Mar 2019 16:48

Tgt Ion: 129 Resp: 2359
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#





#59

1,2,3-Trichloropropane

Concen: 5.363 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029953.D

Acq: 10 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

BF0R7DL

Tgt Ion: 75 Resp: 28444

Ion Ratio Lower Upper

75 100

77 36.6 26.1 39.1

