

Data File : VU029958.D
Acq On : 10 Mar 2019 18:45
Operator : JC/SP
Sample : K1818-19
Misc : 5.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R9

Quant Time: Mar 11 07:16:00 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	597253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	583175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297767	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147822	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.72	69	77	0.03	ug/L	0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.32	63	122	0.02	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.20	46	254224	90.05	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.05%
24) Chloroform-d	4.64	84	291411	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.30	65	179183	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.24%
32) Benzene-d6	5.33	84	632541	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.06%
36) 1,2-Dichloropropane-d6	6.32	67	193394	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.12%
41) Toluene-d8	7.56	98	591403	42.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.82%
43) trans-1,3-Dichloropropene-	7.85	79	85918	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.32	63	219824	93.08	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320488	46.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	252054	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%

Target Compounds

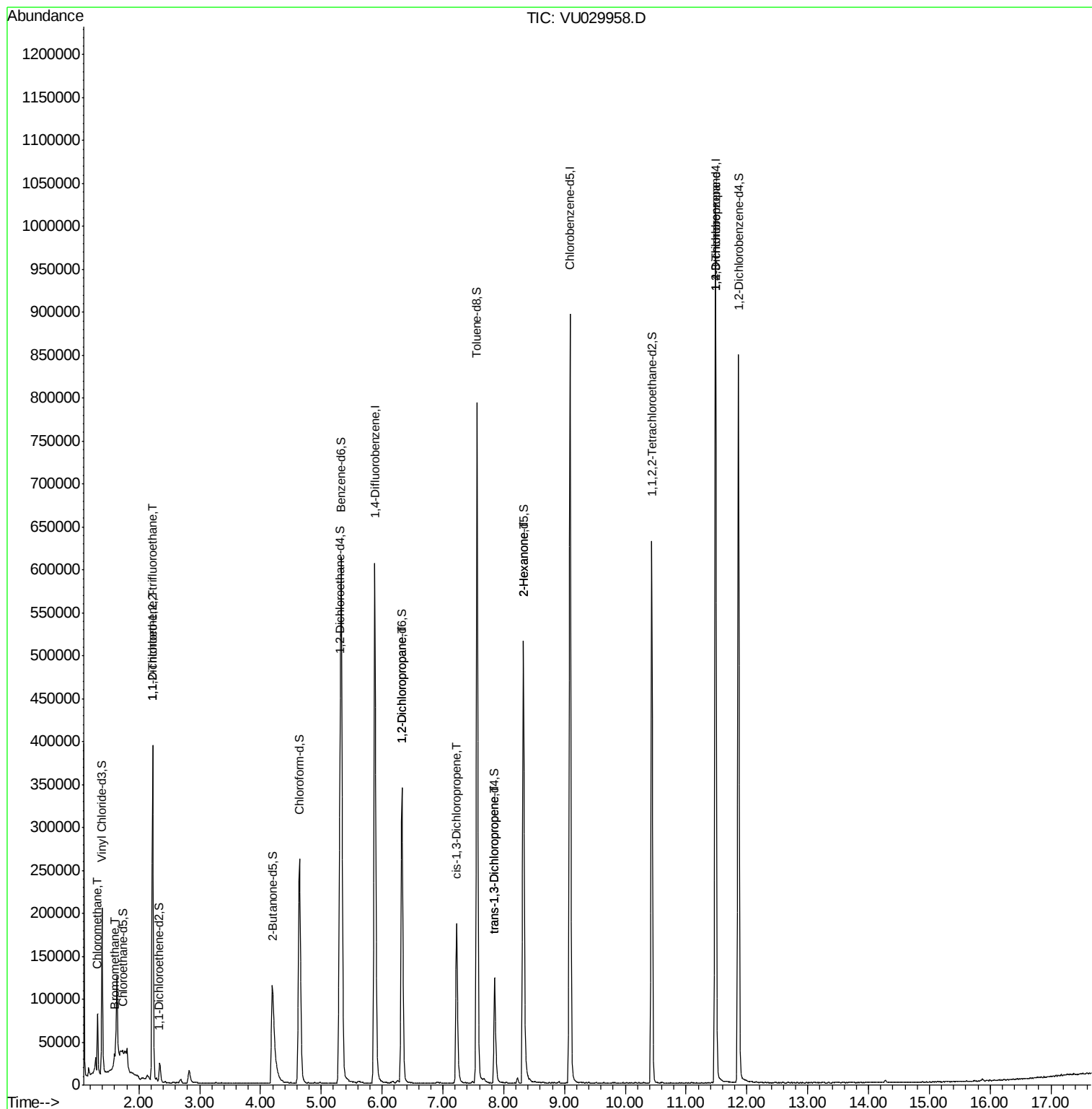
					Qvalue
3) Chloromethane	1.32	50	51597	8.558	ug/L 100
6) Bromomethane	1.60	94	3080	2.487	ug/L 78
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2264	0.595	ug/L # 17
12) 1,1-Dichloroethene	2.23	96	2184	0.591	ug/L # 1
37) 1,2-Dichloropropane	6.32	63	19254	4.743	ug/L # 87
39) cis-1,3-Dichloropropene	7.22	75	4755	0.770	ug/L # 50
44) trans-1,3-Dichloropropene	7.85	75	3309	0.601	ug/L 90
48) 2-Hexanone	8.32	43	22405	4.896	ug/L # 65
59) 1,2,3-Trichloropropane	11.48	75	29479	5.478	ug/L 95

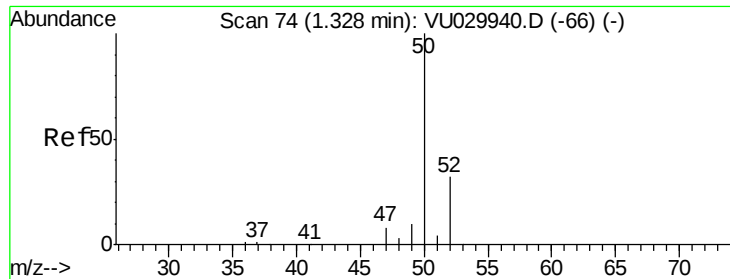
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 8.558 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

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Acq: 10 Mar 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

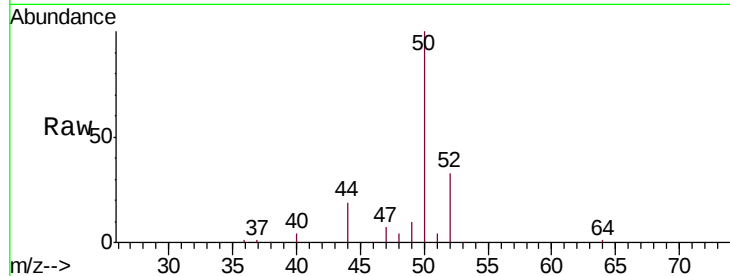
BF0R9

Tgt Ion: 50 Resp: 51597

Ion Ratio Lower Upper

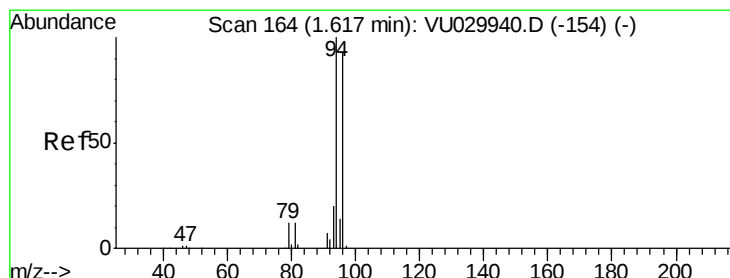
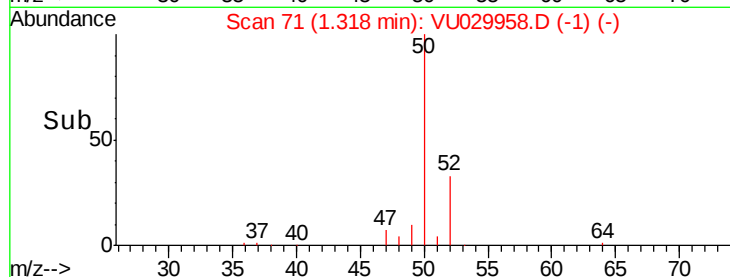
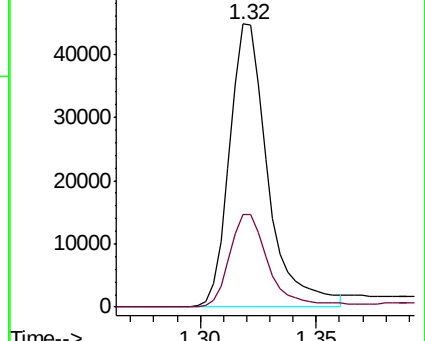
50 100

52 32.9 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.487 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

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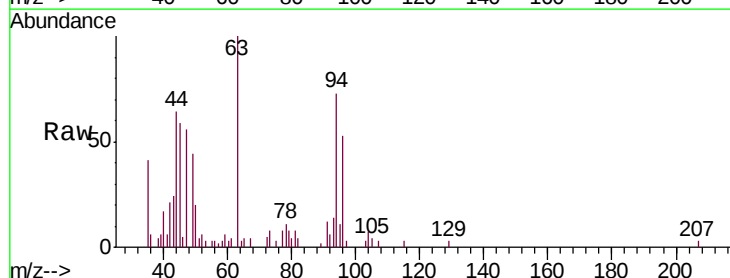
Acq: 10 Mar 2019 18:45

Tgt Ion: 94 Resp: 3080

Ion Ratio Lower Upper

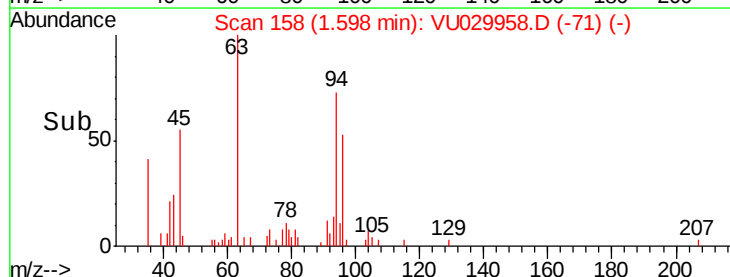
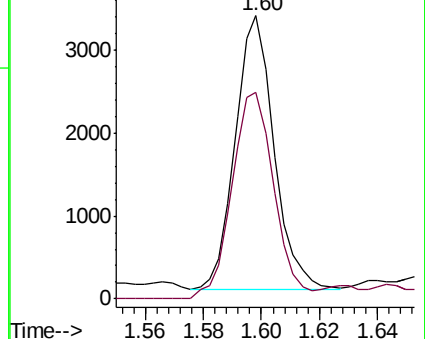
94 100

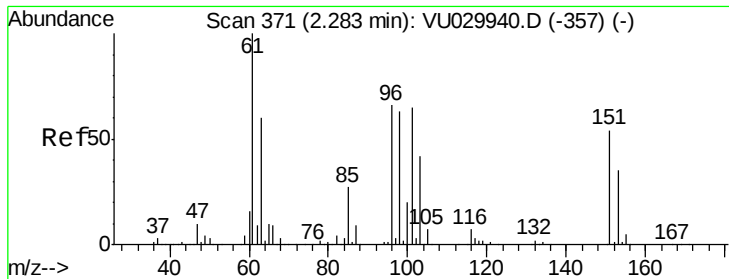
96 72.9 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

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

Concen: 0.595 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

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MSVOA_U

ClientSampleId :

BF0R9

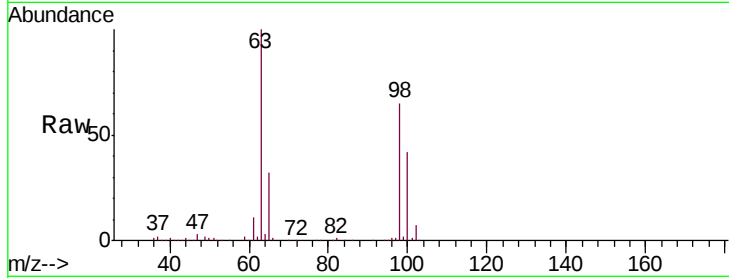
Tgt Ion: 101 Resp: 2264

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

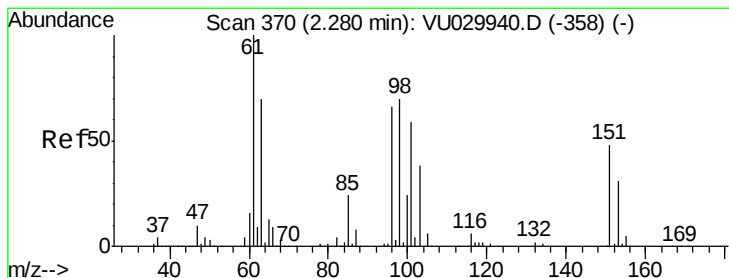
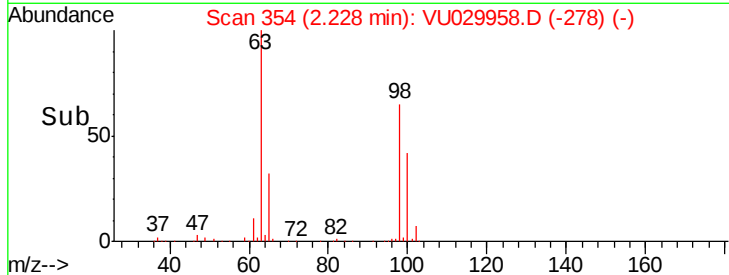
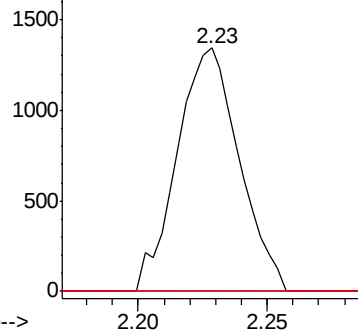
151 0.0 65.8 98.6#



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: 0.591 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.05 min

Lab File: VU029958.D

Acq: 10 Mar 2019 18:45

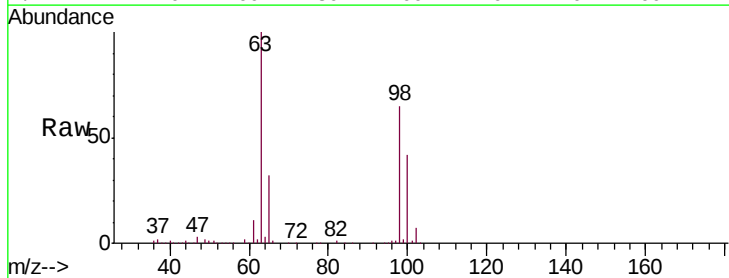
Tgt Ion: 96 Resp: 2184

Ion Ratio Lower Upper

96 100

61 1026.5 109.0 202.4#

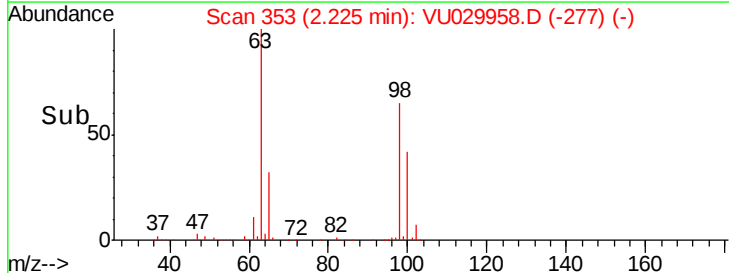
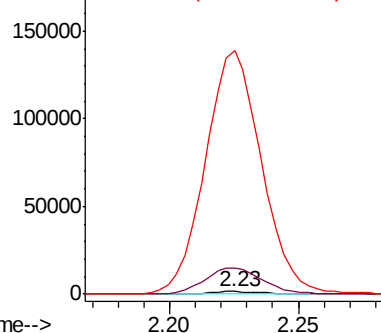
63 9441.2 88.1 163.5#

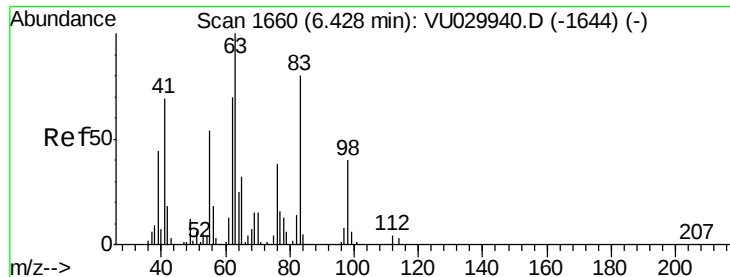


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#37

1,2-Dichloropropane

Concen: 4.743 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU029958.D

Acq: 10 Mar 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

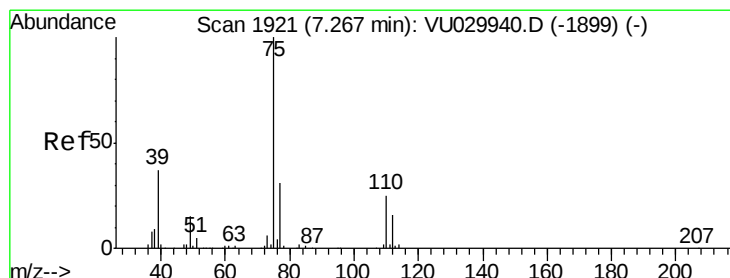
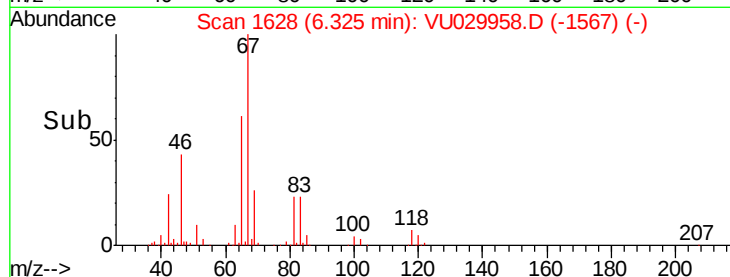
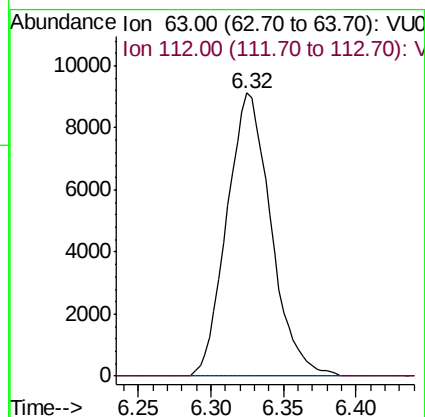
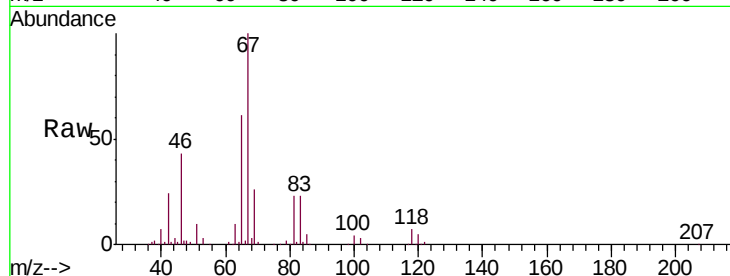
BF0R9

Tgt Ion: 63 Resp: 19254

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.770 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029958.D

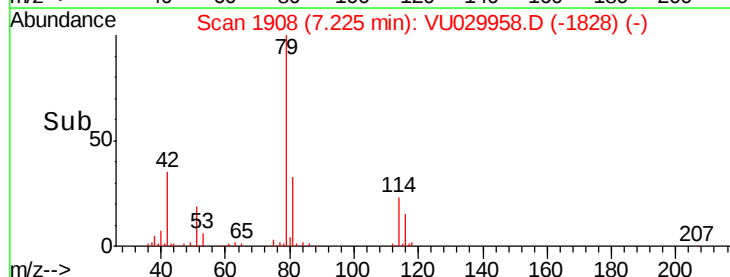
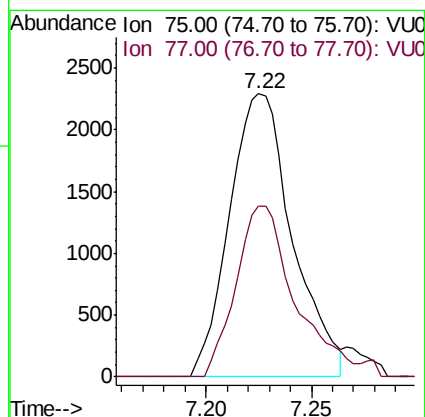
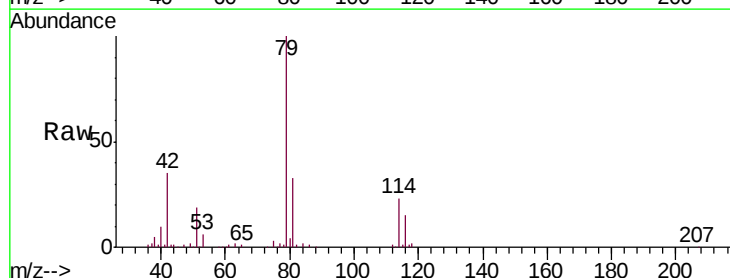
Acq: 10 Mar 2019 18:45

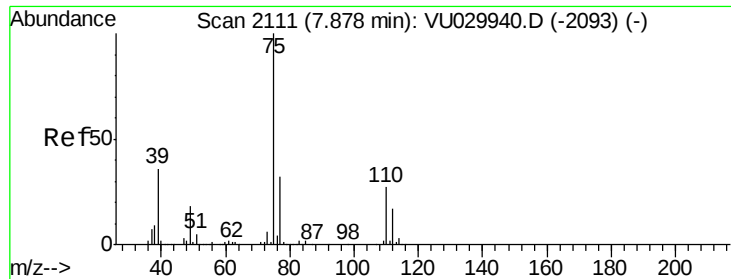
Tgt Ion: 75 Resp: 4755

Ion Ratio Lower Upper

75 100

77 60.3 22.5 41.9#

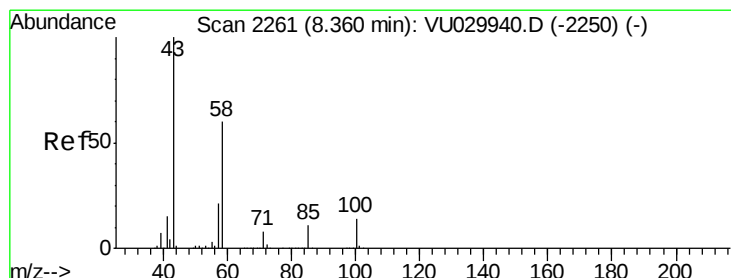
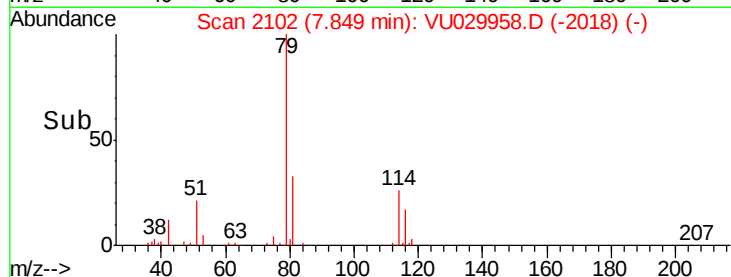
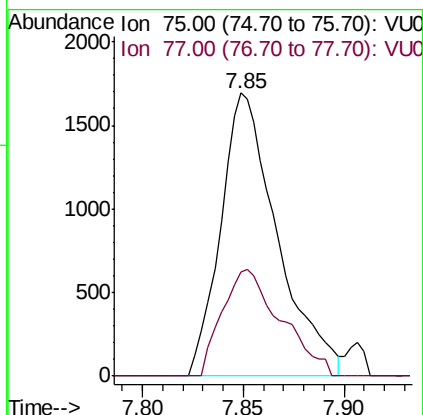
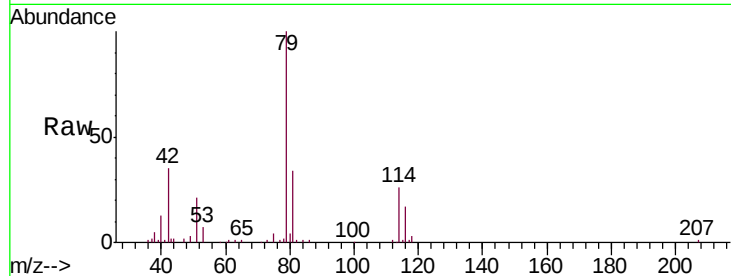




#44
trans-1,3-Dichloropropene
Concen: 0.601 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029958.D
Acq: 10 Mar 2019 18:45

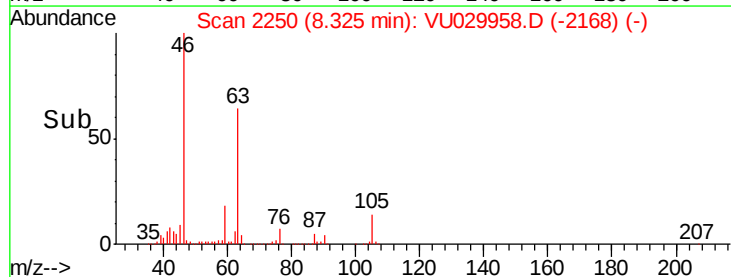
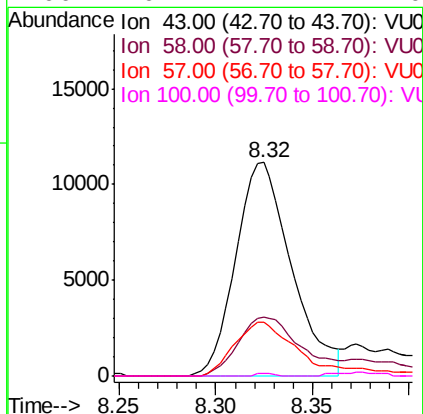
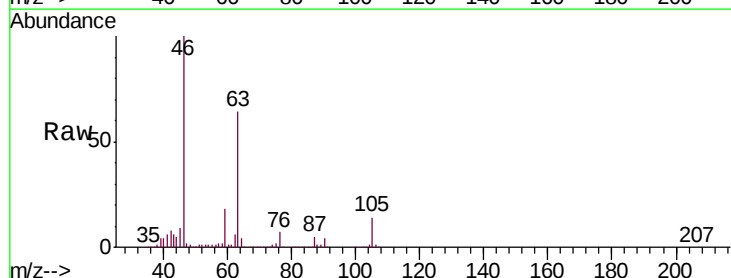
Instrument :
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ClientSampleId :
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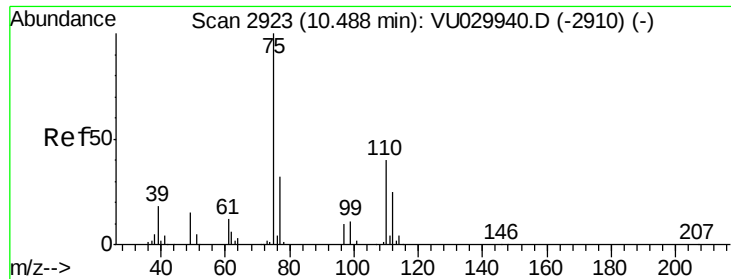
Tgt Ion: 75 Resp: 3309
Ion Ratio Lower Upper
75 100
77 36.7 21.8 40.6



#48
2-Hexanone
Concen: 4.896 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU029958.D
Acq: 10 Mar 2019 18:45

Tgt Ion: 43 Resp: 22405
Ion Ratio Lower Upper
43 100
58 31.5 49.2 73.8#
57 30.8 16.6 25.0#
100 0.4 11.4 17.0#





#59

1,2,3-Trichloropropane

Concen: 5.478 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029958.D

Acq: 10 Mar 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

BF0R9

Tgt Ion: 75 Resp: 29479

Ion Ratio Lower Upper

75 100

77 35.7 26.1 39.1

