

Data File : VU029954.D
Acq On : 10 Mar 2019 17:12
Operator : JC/SP
Sample : K1818-18DL 5X
Misc : 5.63g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R8DL

Quant Time: Mar 11 07:15:24 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	564769	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	571257	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	281040	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145560	42.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.48%
7) Chloroethane-d5	1.65	69	120577	41.62	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.24%
11) 1,1-Dichloroethene-d2	2.26	63	204820	31.53	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	4.17	46	249082	93.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.30%
24) Chloroform-d	4.64	84	276146	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.36%
26) 1,2-Dichloroethane-d4	5.30	65	169228	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
32) Benzene-d6	5.33	84	613635	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
36) 1,2-Dichloropropane-d6	6.32	67	188748	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.80%
41) Toluene-d8	7.56	98	581348	42.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.12%
43) trans-1,3-Dichloropropene-	7.85	79	85643	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.32%
47) 2-Hexanone-d5	8.31	63	208478	90.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311071	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	246735	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%

Target Compounds

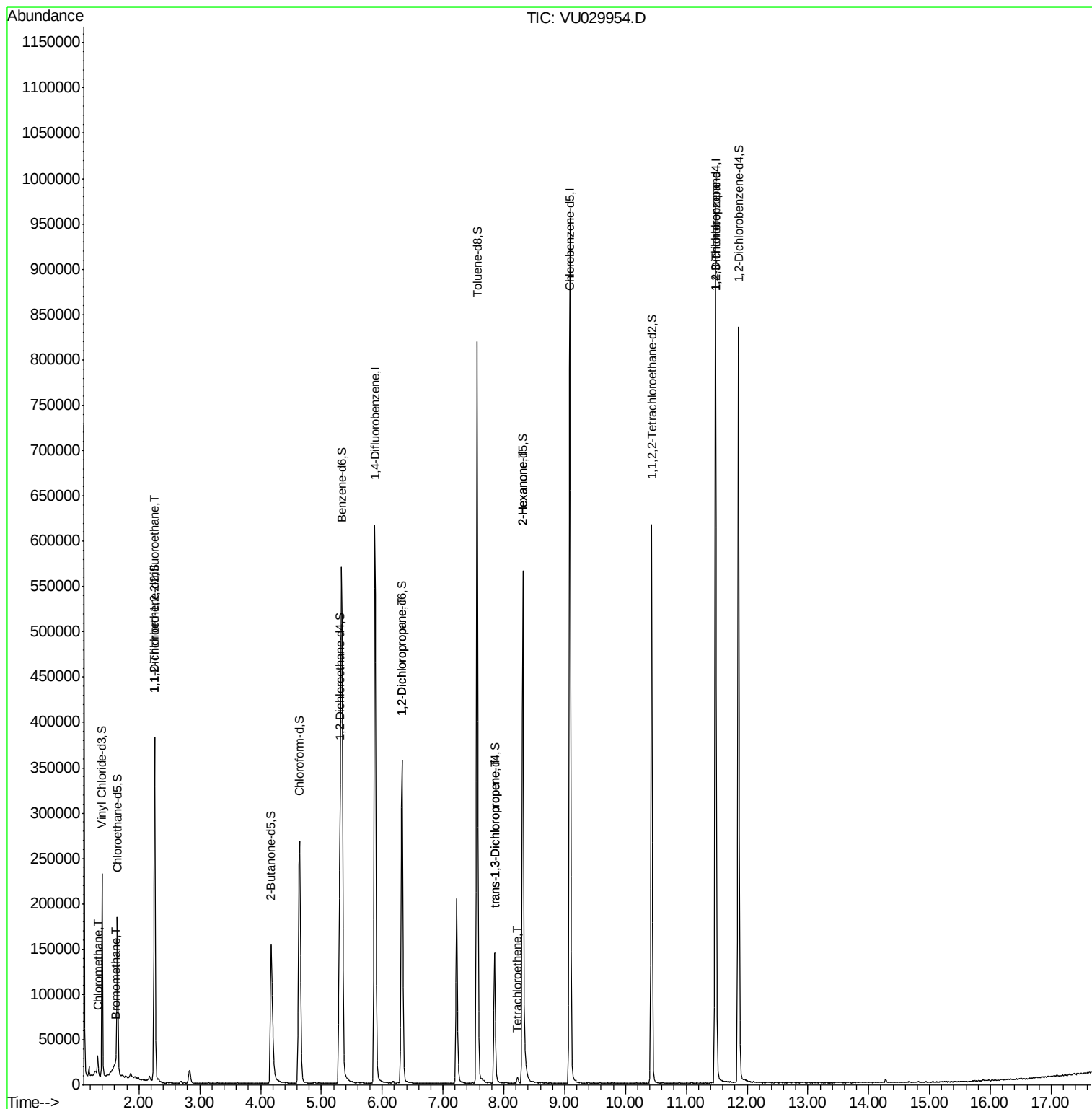
					Qvalue
3) Chloromethane	1.32	50	16021	2.810 ug/L	96
6) Bromomethane	1.60	94	892	0.762 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2215	0.615 ug/L #	17
37) 1,2-Dichloropropane	6.32	63	18426	4.633 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	3262	0.605 ug/L #	77
46) Tetrachloroethene	8.22	164	1787	0.505 ug/L	95
48) 2-Hexanone	8.31	43	20704	4.619 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	28516	5.410 ug/L	96

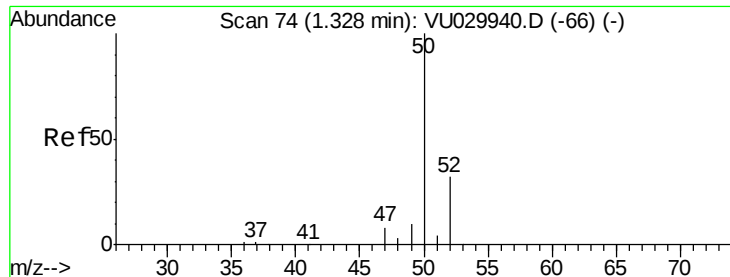
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.810 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Acq: 10 Mar 2019 17:12

Instrument :

MSVOA_U

ClientSampleId :

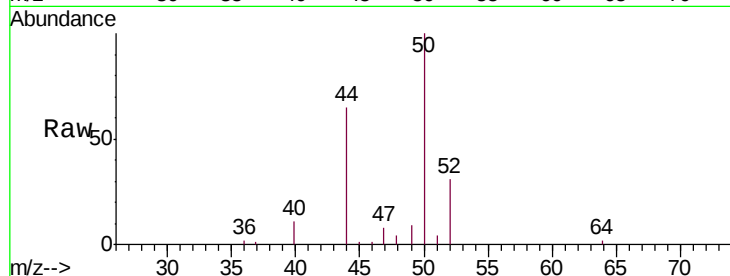
BF0R8DL

Tgt Ion: 50 Resp: 16021

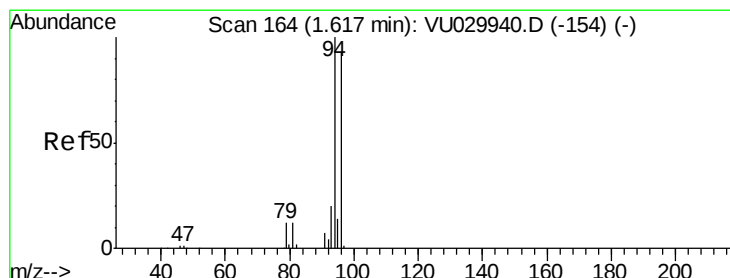
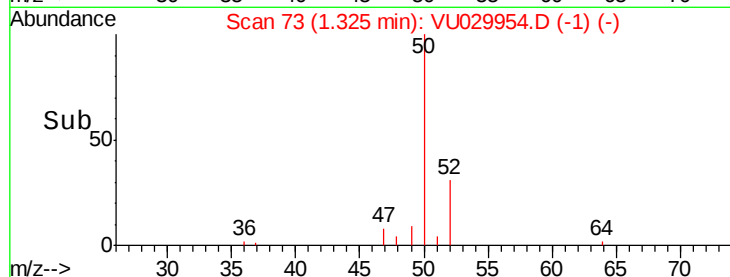
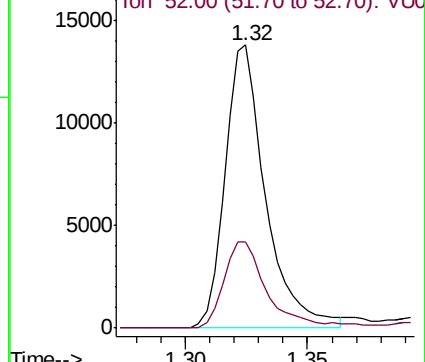
Ion Ratio Lower Upper

50 100

52 30.6 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU029954.D (-1) (-)



#6

Bromomethane

Concen: 0.762 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.02 min

Lab File: VU029954.D

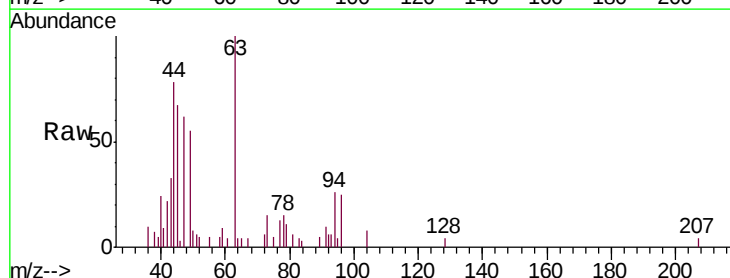
Acq: 10 Mar 2019 17:12

Tgt Ion: 94 Resp: 892

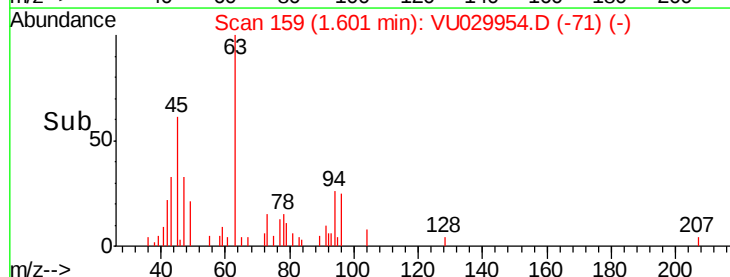
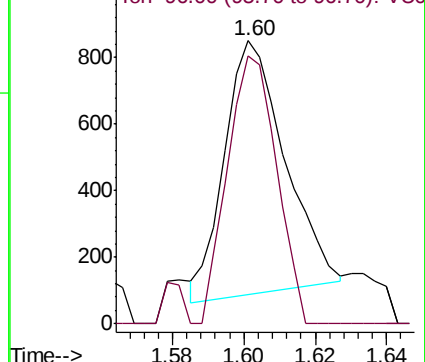
Ion Ratio Lower Upper

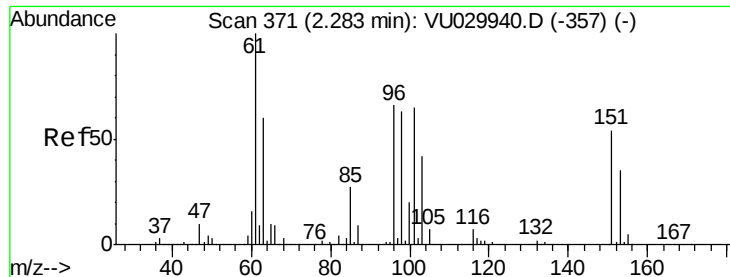
94 100

96 94.7 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU029954.D (-71) (-)





#10

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

Concen: 0.615 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.03 min

Lab File: VU029954.D

Acq: 10 Mar 2019 17:12

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ClientSampleId :

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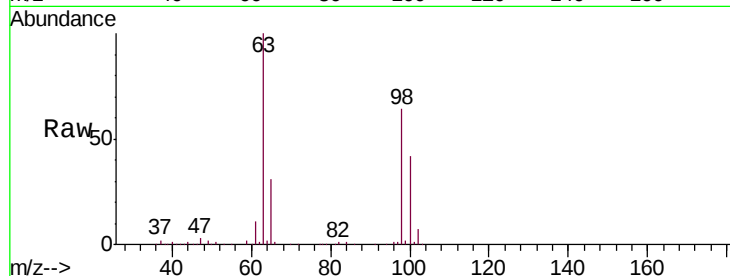
Tgt Ion: 101 Resp: 2215

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

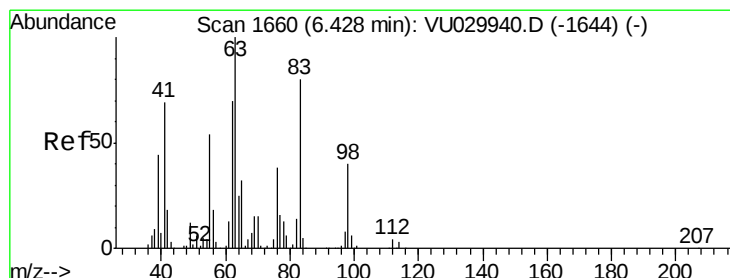
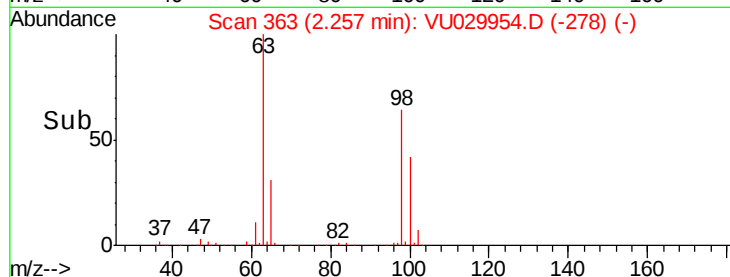
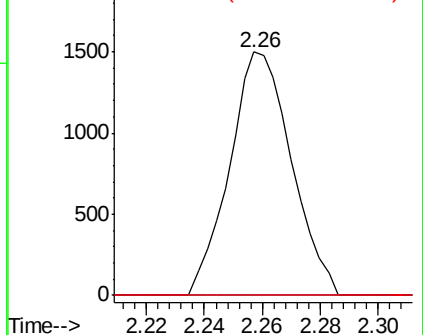
151 0.0 65.8 98.6#



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



#37

1,2-Dichloropropane

Concen: 4.633 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU029954.D

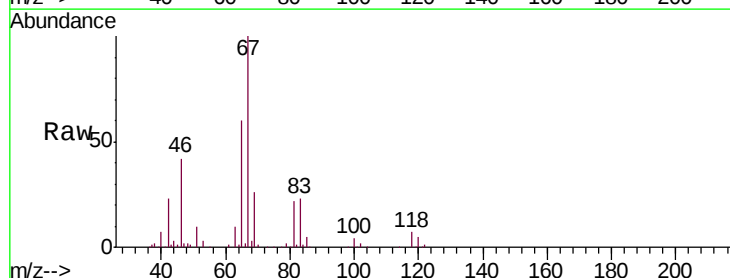
Acq: 10 Mar 2019 17:12

Tgt Ion: 63 Resp: 18426

Ion Ratio Lower Upper

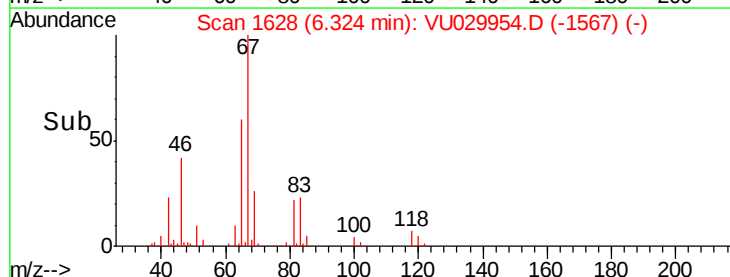
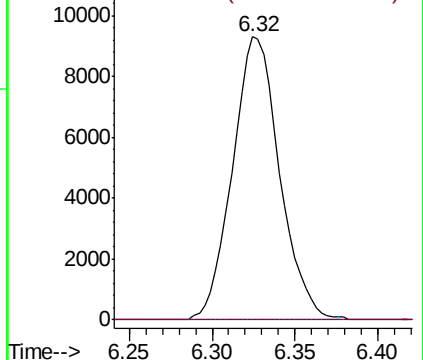
63 100

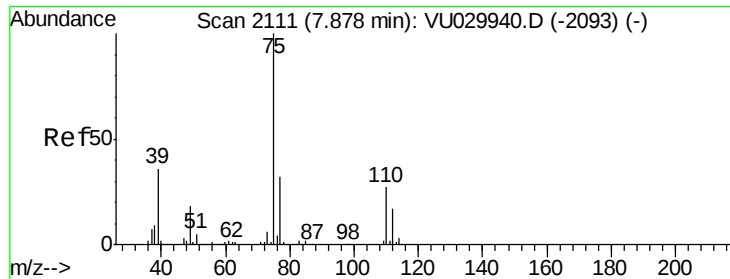
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

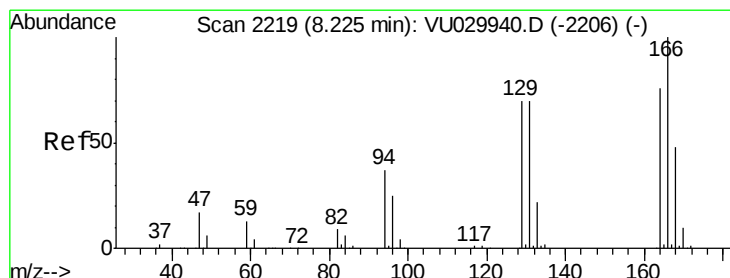
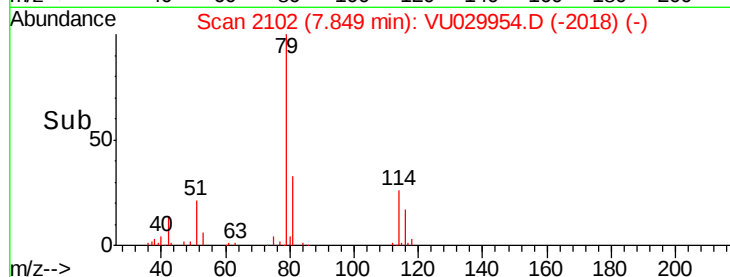
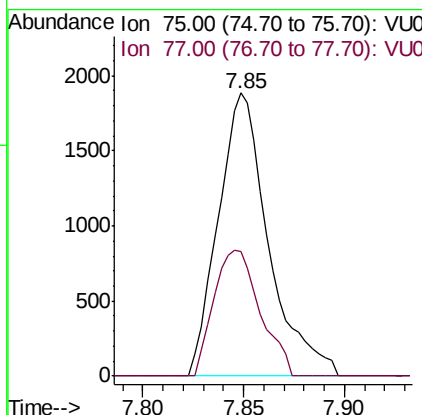
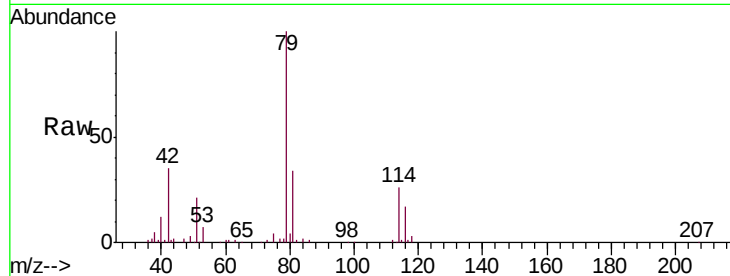




#44
trans-1,3-Dichloropropene
Concen: 0.605 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029954.D
Acq: 10 Mar 2019 17:12

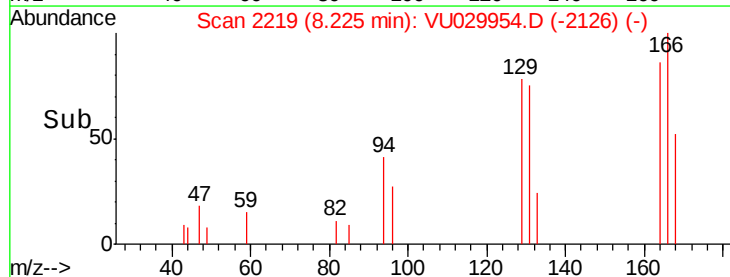
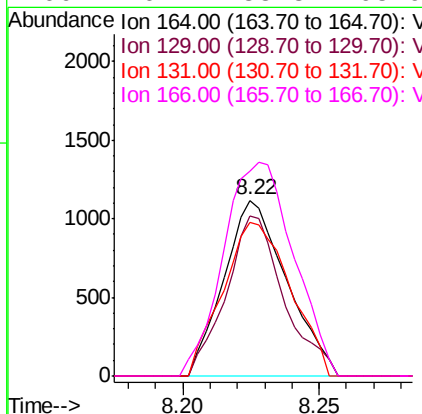
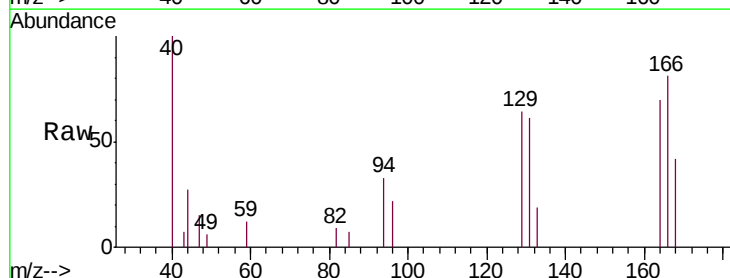
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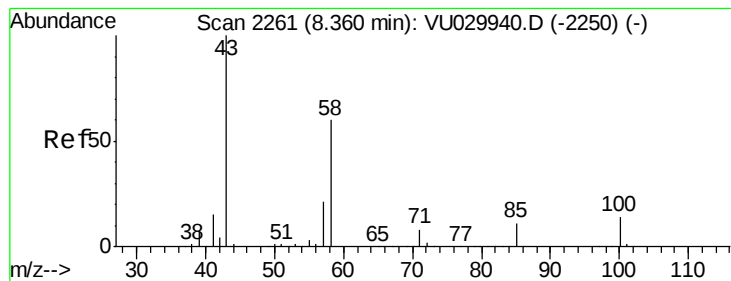
Tgt Ion: 75 Resp: 3262
Ion Ratio Lower Upper
75 100
77 43.8 21.8 40.6#



#46
Tetrachloroethene
Concen: 0.505 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029954.D
Acq: 10 Mar 2019 17:12

Tgt Ion: 164 Resp: 1787
Ion Ratio Lower Upper
164 100
129 91.2 61.0 113.2
131 87.6 60.5 112.3
166 116.4 88.3 163.9





#48

2-Hexanone

Concen: 4.619 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU029954.D

Acq: 10 Mar 2019 17:12

Instrument :

MSVOA_U

ClientSampleId :

BF0R8DL

Tgt Ion: 43 Resp: 20704

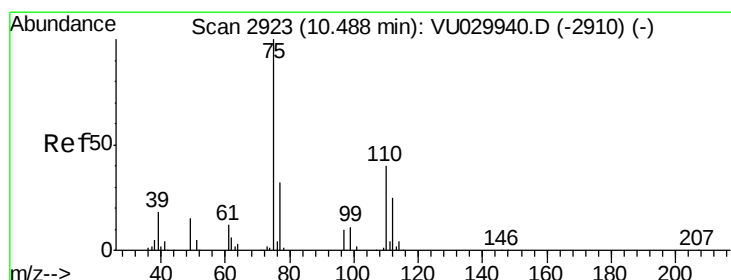
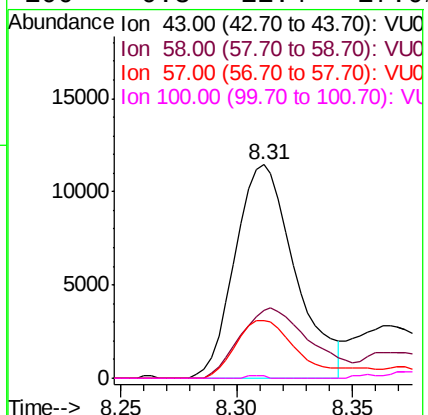
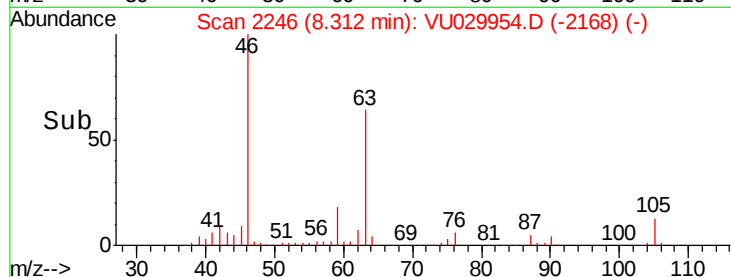
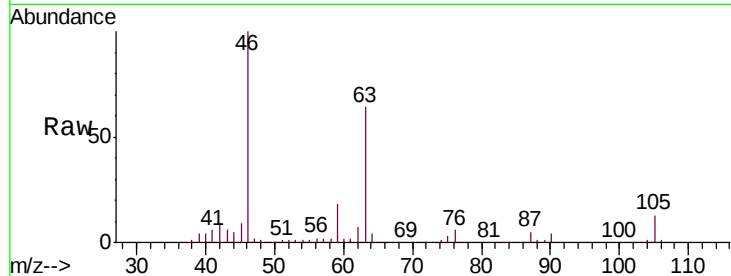
Ion Ratio Lower Upper

43 100

58 38.5 49.2 73.8#

57 26.4 16.6 25.0#

100 0.3 11.4 17.0#



#59

1,2,3-Trichloropropane

Concen: 5.410 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029954.D

Acq: 10 Mar 2019 17:12

Tgt Ion: 75 Resp: 28516

Ion Ratio Lower Upper

75 100

77 34.8 26.1 39.1

