

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026362.D
 Acq On : 25 Aug 2018 11:47
 Operator : MD/SY
 Sample : J4622-03DL 1000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ3DL2

Quant Time: Aug 27 01:31:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	323688	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153676	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101321	51.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.64%
7) Chloroethane-d5	1.68	69	80911	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.52%
11) 1,1-Dichloroethene-d2	2.27	63	151192	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.92%
21) 2-Butanone-d5	4.18	46	149846	95.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.10%
24) Chloroform-d	4.65	84	196468	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.31	65	136837	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.35	84	407801	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
36) 1,2-Dichloropropane-d6	6.33	67	130278	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.02%
41) Toluene-d8	7.57	98	369214	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloropropene-	7.85	79	63114	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.10%
47) 2-Hexanone-d5	8.31	63	107836	92.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	178230	43.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	159246	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

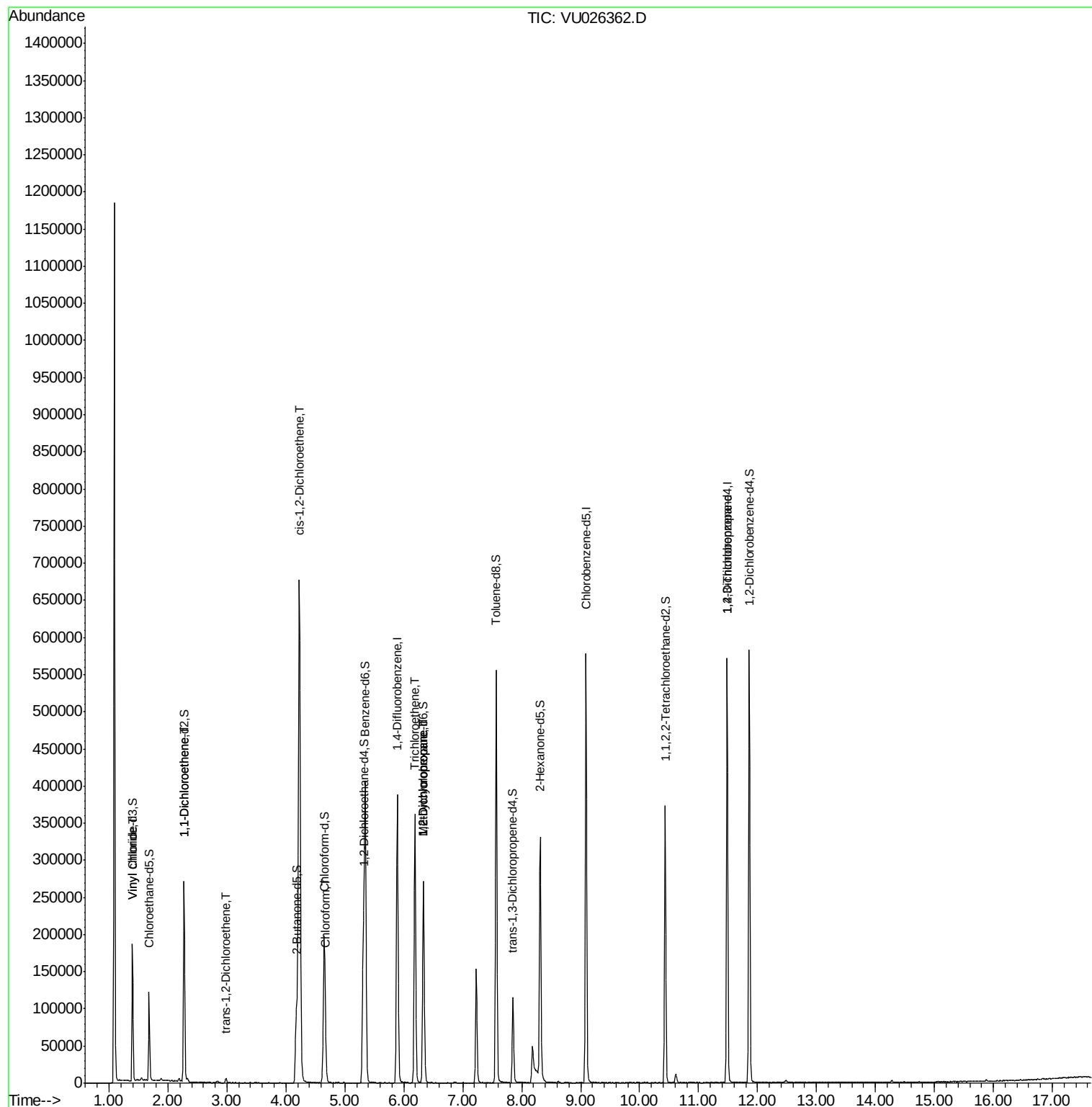
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	18596	7.88	ug/L	92
12) 1,1-Dichloroethene	2.28	96	2285	1.34	ug/L	# 1
17) trans-1,2-Dichloroethene	2.98	96	2599	1.24	ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	385994	166.53	ug/L	93
25) Chloroform	4.68	83	11972	2.93	ug/L	100
34) Trichloroethene	6.19	95	121221	52.68	ug/L	98
35) Methylcyclohexane	6.34	83	30073	8.55	ug/L	# 19
37) 1,2-Dichloropropane	6.33	63	15325	6.44	ug/L	# 88
59) 1,2,3-Trichloropropane	11.48	75	17451	5.89	ug/L	92

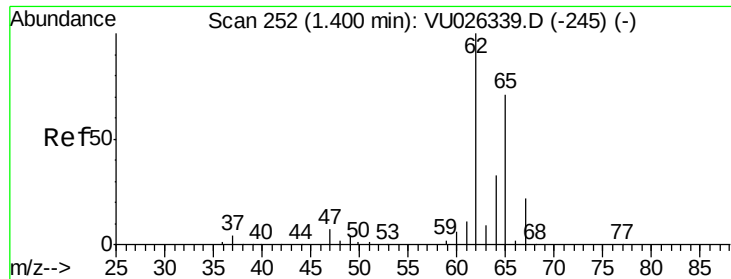
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 04:25:01 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.88 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026362.D

Acq: 25 Aug 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

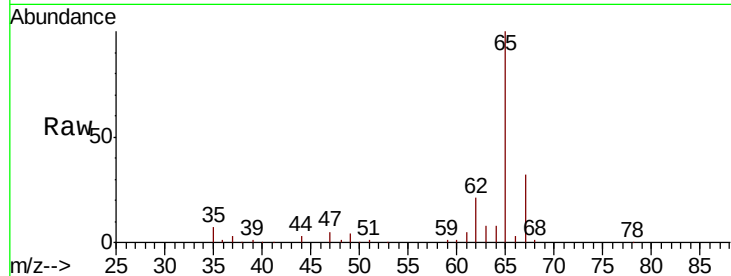
ETBJ3DL2

Tot Ion: 62 Resp: 18596

Ion Ratio Lower Upper

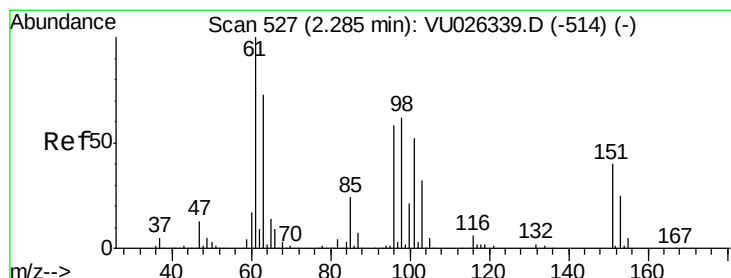
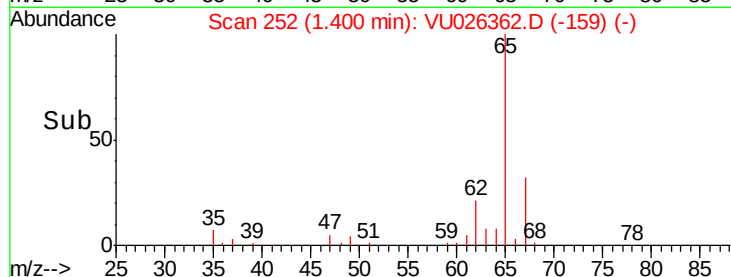
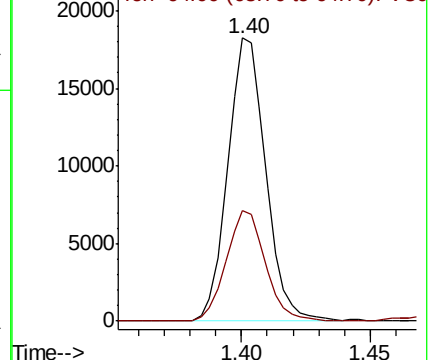
62 100

64 39.1 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 1.34 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU026362.D

Acq: 25 Aug 2018 11:47

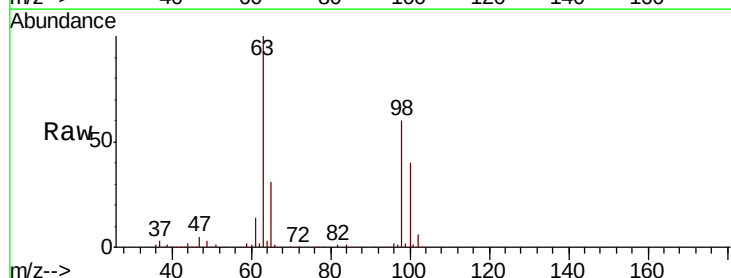
Tgt Ion: 96 Resp: 2285

Ion Ratio Lower Upper

96 100

61 814.0 124.7 231.5#

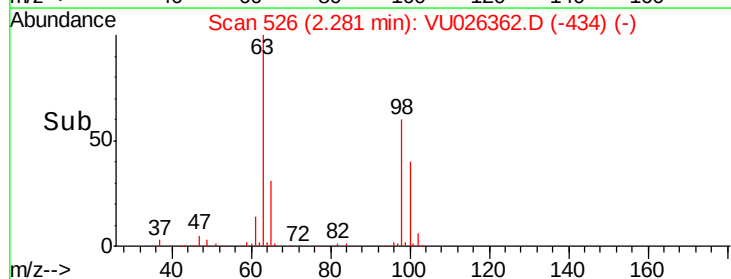
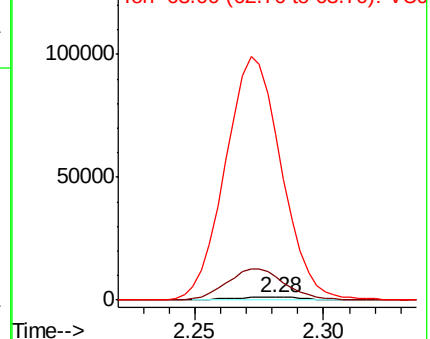
63 5779.5 93.7 174.1#

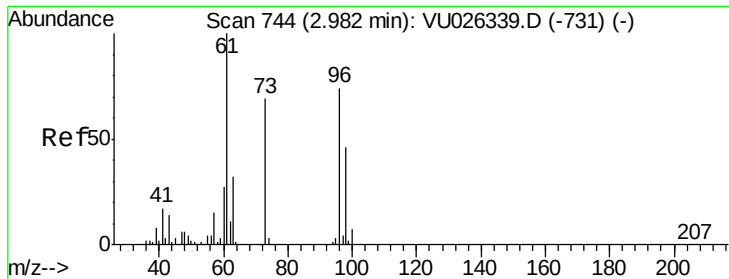


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 1.24 ug/L

RT: 2.98 min Scan# 743

Delta R.T. -0.00 min

Lab File: VU026362.D

Acq: 25 Aug 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

ETBJ3DL2

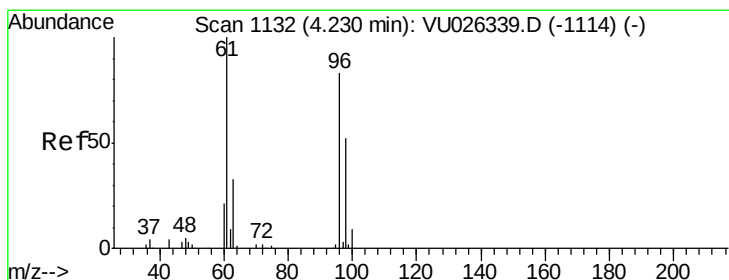
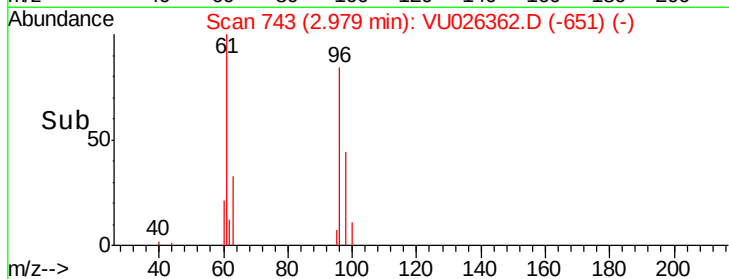
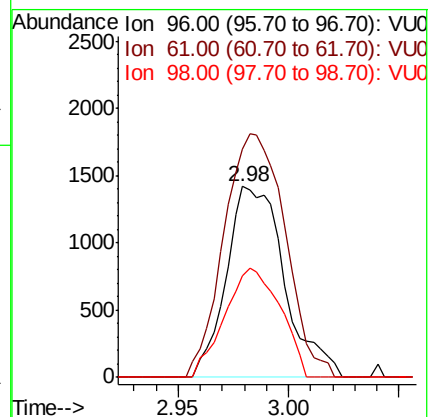
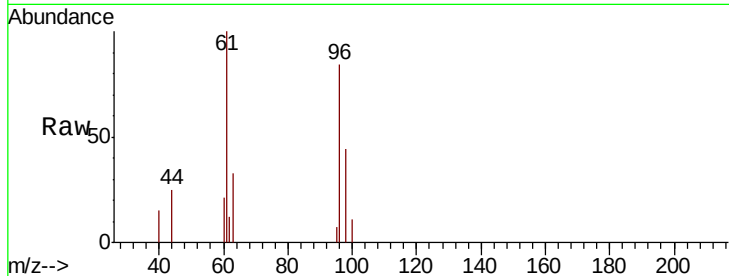
Tot Ion: 96 Resp: 2599

Ion Ratio Lower Upper

96 100

61 119.5 97.9 181.9

98 53.1 45.1 83.7



#20

cis-1,2-Dichloroethene

Concen: 166.53 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026362.D

Acq: 25 Aug 2018 11:47

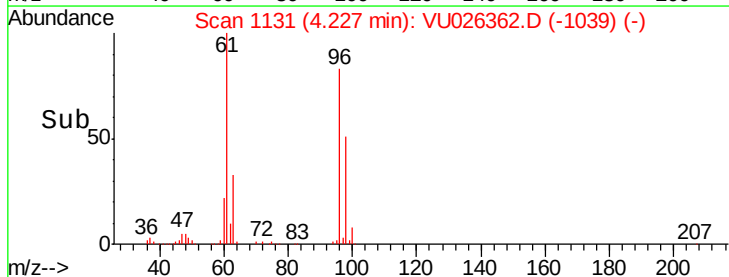
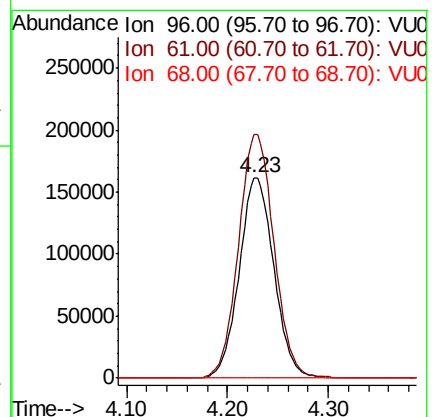
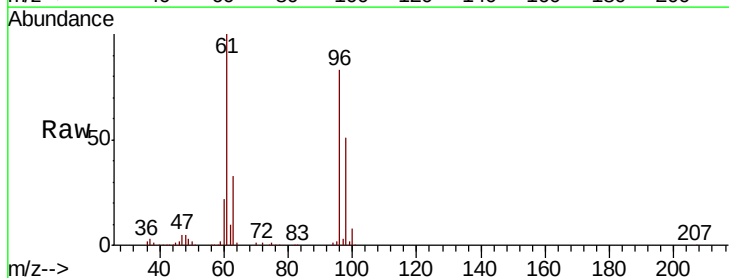
Tgt Ion: 96 Resp: 385994

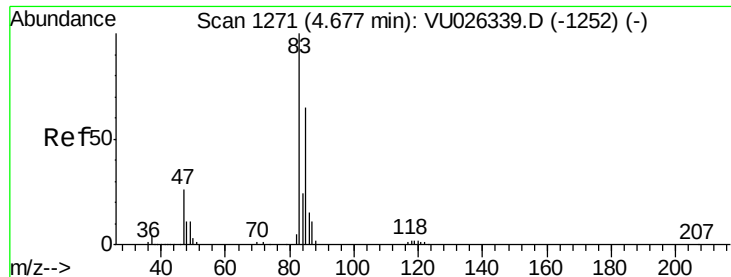
Ion Ratio Lower Upper

96 100

61 121.1 90.3 167.7

68 0.0 0.0 0.0

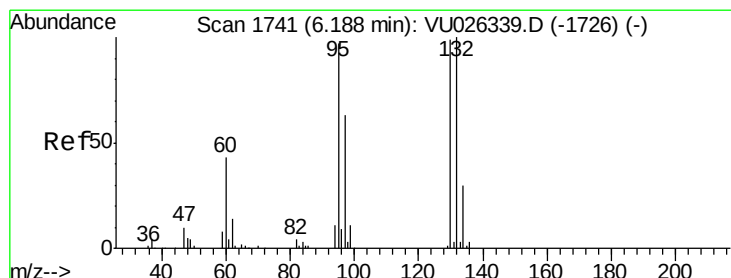
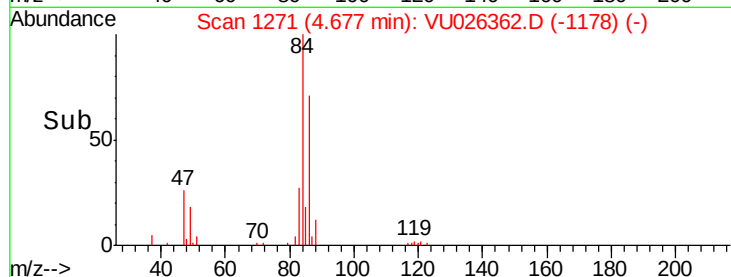
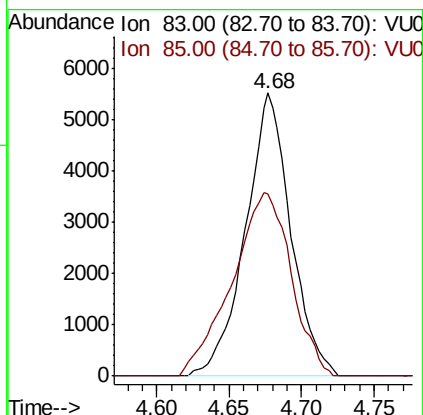
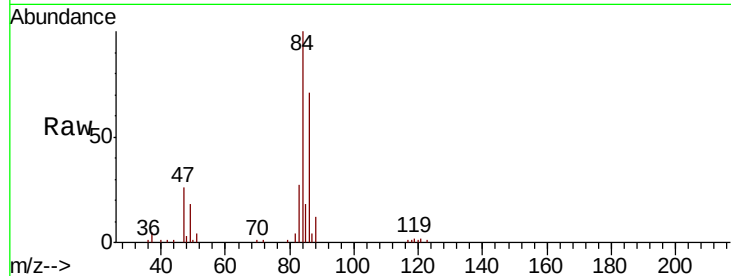




#25
Chloroform
Concen: 2.93 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026362.D
Acq: 25 Aug 2018 11:47

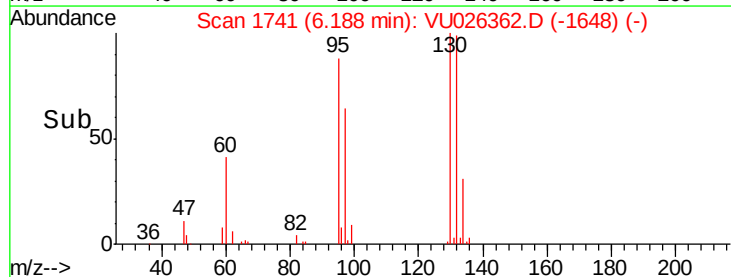
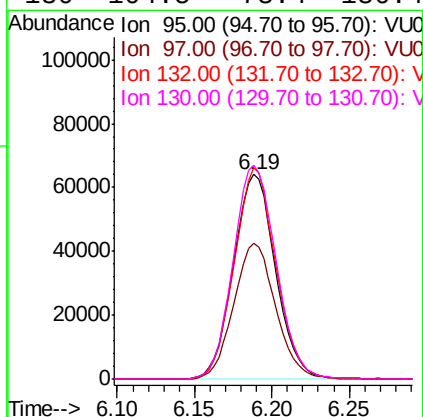
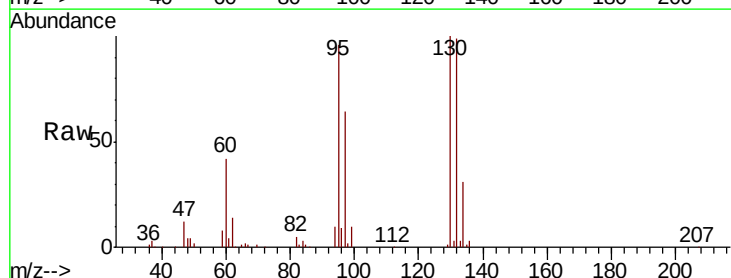
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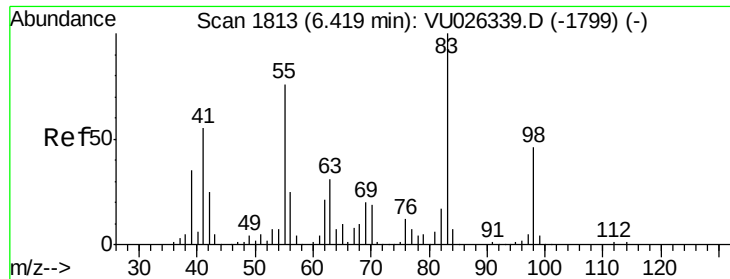
Tot Ion: 83 Resp: 11972
Ion Ratio Lower Upper
83 100
85 64.6 45.0 83.6



#34
Trichloroethene
Concen: 52.68 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU026362.D
Acq: 25 Aug 2018 11:47

Tgt Ion: 95 Resp: 121221
Ion Ratio Lower Upper
95 100
97 66.4 47.2 87.6
132 103.2 70.2 130.4
130 104.5 73.4 136.4

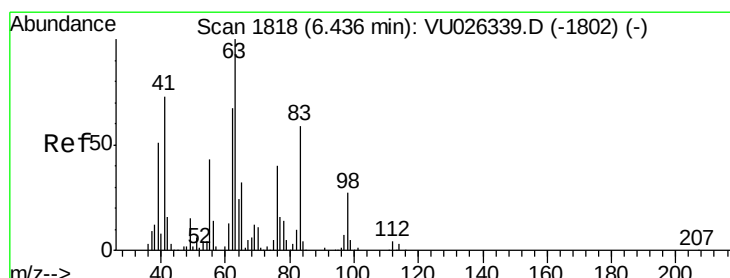
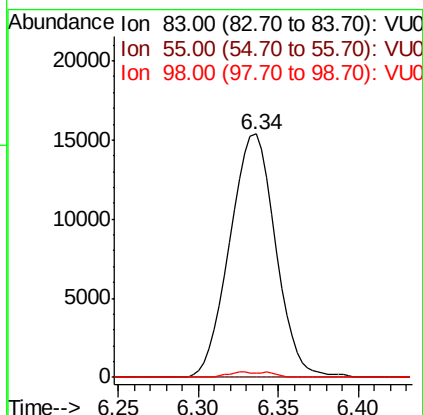
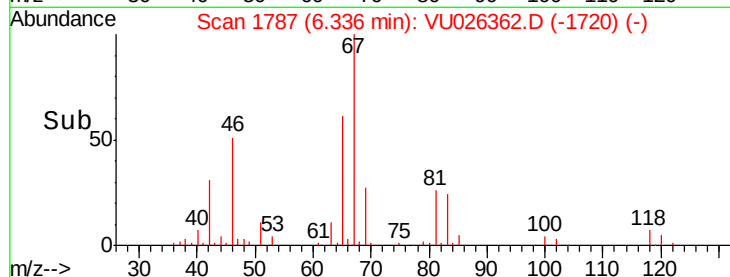
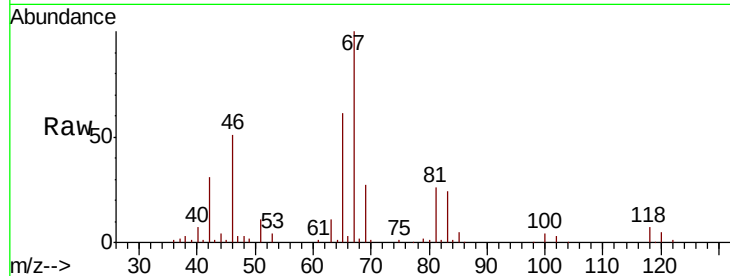




#35
Methylvlcyclohexane
Concen: 8.55 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026362.D
Acq: 25 Aug 2018 11:47

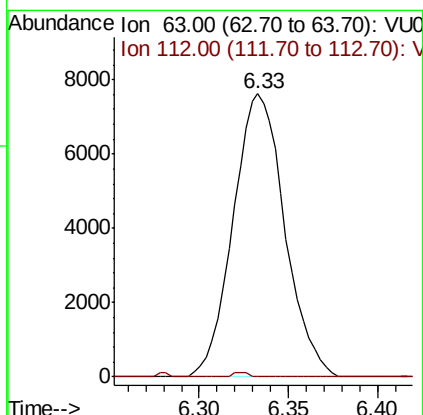
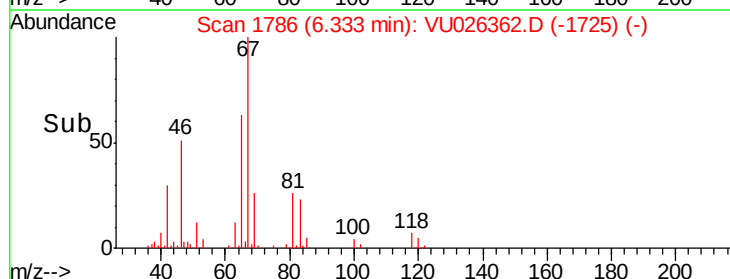
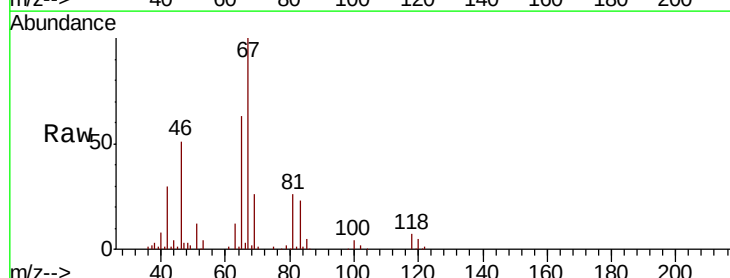
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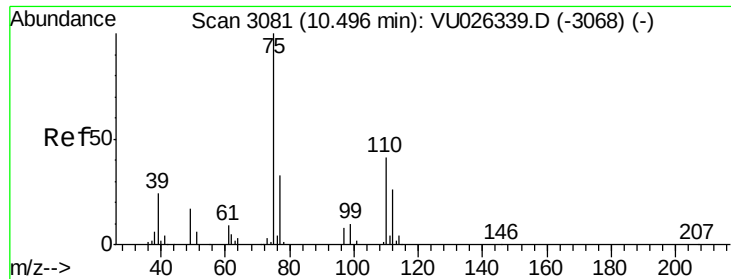
Tot Ion: 83 Resp: 30073
Ion Ratio Lower Upper
83 100
55 0.0 60.6 91.0#
98 0.7 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 6.44 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026362.D
Acq: 25 Aug 2018 11:47

Tgt Ion: 63 Resp: 15325
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 5.89 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026362.D

Acq: 25 Aug 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

ETBJ3DL2

Tot Ion: 75 Resp: 17451

Ion Ratio Lower Upper

75 100

77 36.4 25.5 38.3

