

Data File : VU033120.D
Acq On : 01 Jul 2019 17:24
Operator : JC/SP
Sample : K3599-07
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM16

Quant Time: Jul 02 04:22:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	226973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53809	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.38%
7) Chloroethane-d5	1.64	69	35477	28.68	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.36%#
11) 1,1-Dichloroethene-d2	2.22	63	97387	31.16	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.32%
21) 2-Butanone-d5	4.19	46	145005	112.31	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.31%
24) Chloroform-d	4.63	84	138624	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.30	65	101244	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.32	84	261328	44.88	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.32	67	87679	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.52%
41) Toluene-d8	7.56	98	236483	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.85	79	42296	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.32	63	88742	102.45	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142675	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	99190	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%

Target Compounds

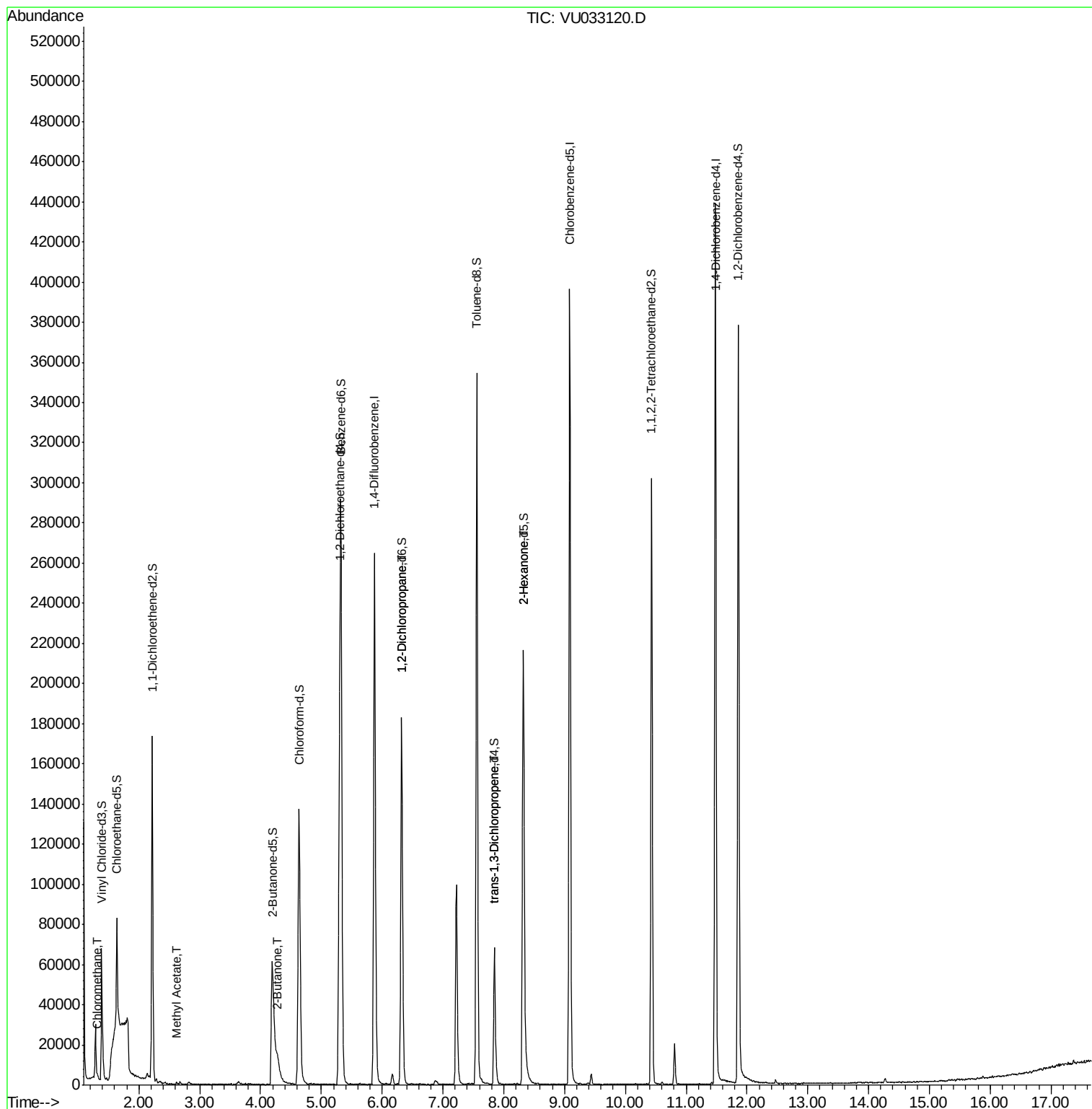
					Qvalue
3) Chloromethane	1.32	50	1576	0.758 ug/L	92
15) Methyl Acetate	2.63	43	1309	0.648 ug/L #	60
22) 2-Butanone	4.28	43	8592	4.649 ug/L	95
37) 1,2-Dichloropropane	6.32	63	10357	5.867 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	2259	0.875 ug/L #	72
48) 2-Hexanone	8.32	43	12826	5.158 ug/L #	69

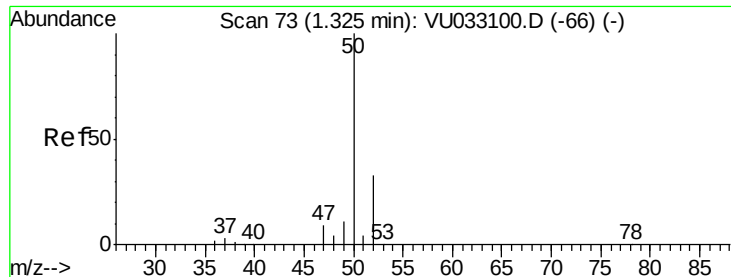
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.758 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

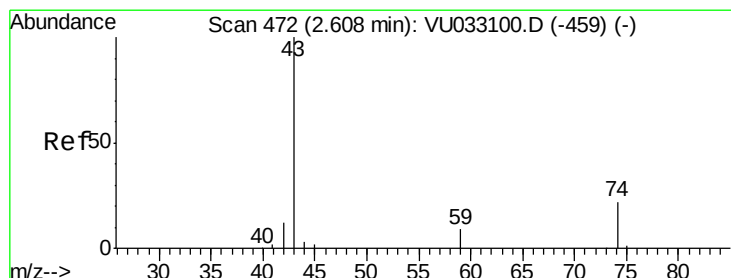
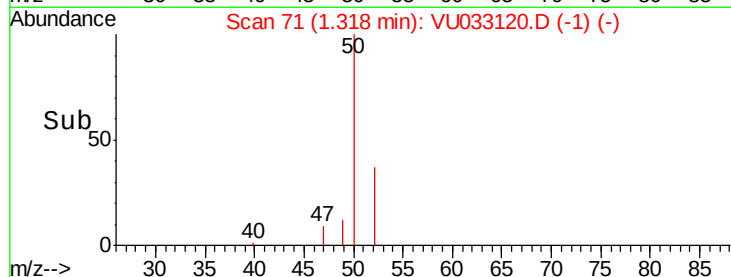
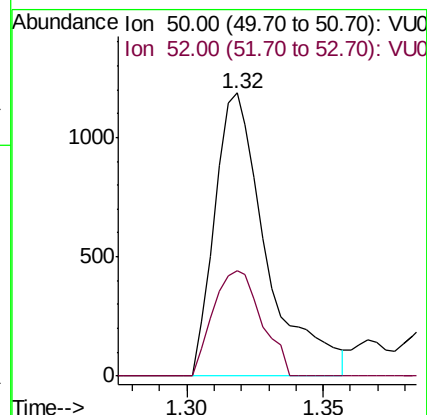
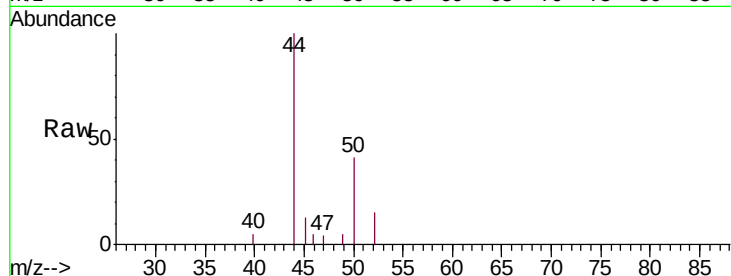
GAM16

Tgt Ion: 50 Resp: 1576

Ion Ratio Lower Upper

50 100

52 37.4 23.0 42.6



#15

Methyl Acetate

Concen: 0.648 ug/L

RT: 2.63 min Scan# 478

Delta R.T. 0.02 min

Lab File: VU033120.D

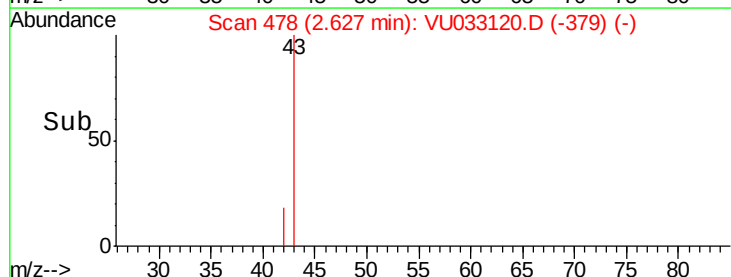
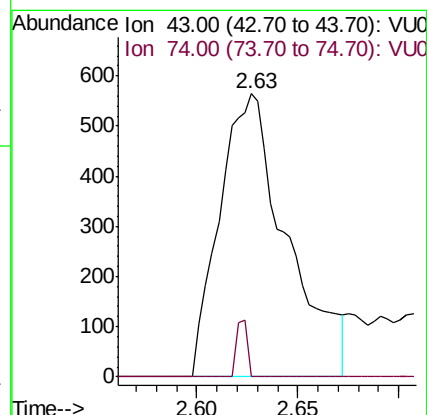
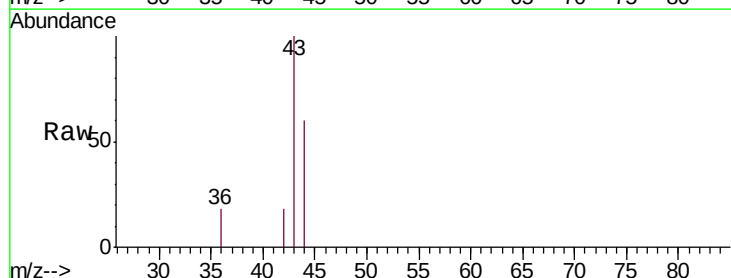
Acq: 01 Jul 2019 17:24

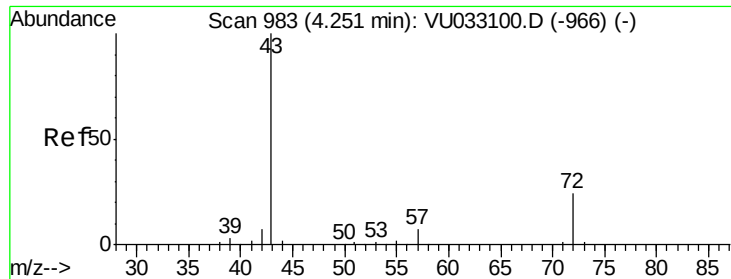
Tgt Ion: 43 Resp: 1309

Ion Ratio Lower Upper

43 100

74 3.2 18.1 27.1#





#22

2-Butanone

Concen: 4.649 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.03 min

Lab File: VU033120.D

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Instrument :

MSVOA_U

ClientSampleId :

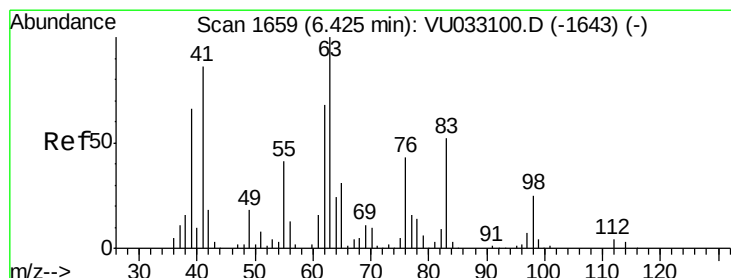
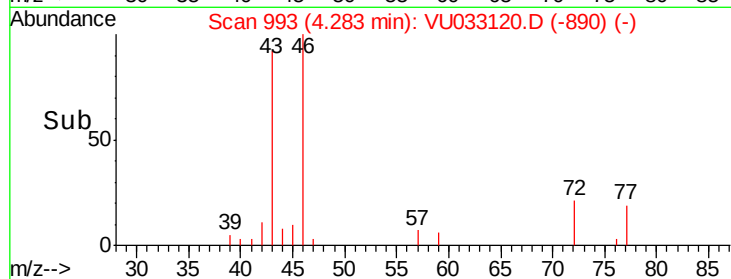
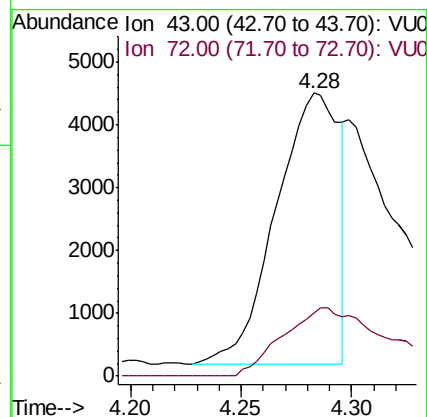
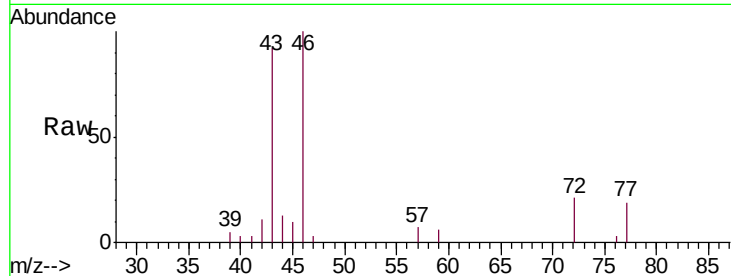
GAM16

Tgt Ion: 43 Resp: 8592

Ion Ratio Lower Upper

43 100

72 23.1 12.9 38.6



#37

1,2-Dichloropropane

Concen: 5.867 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU033120.D

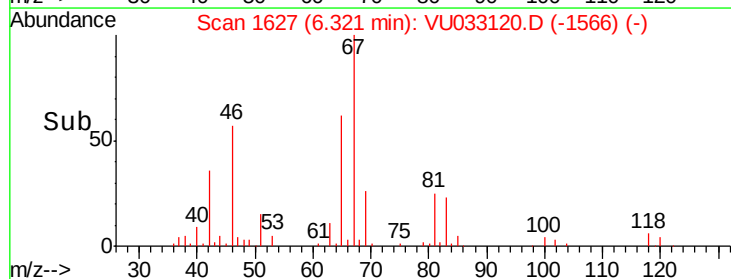
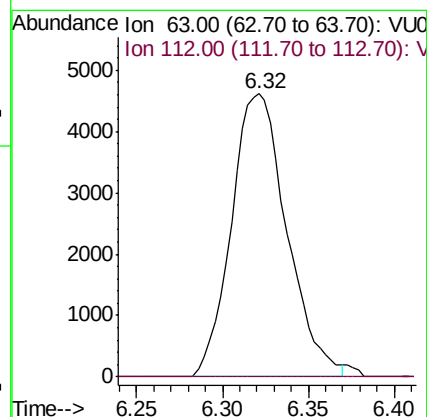
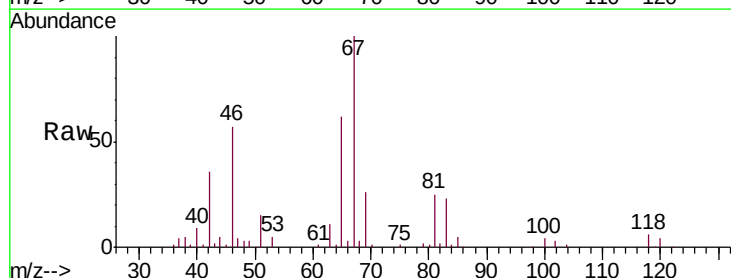
Acq: 01 Jul 2019 17:24

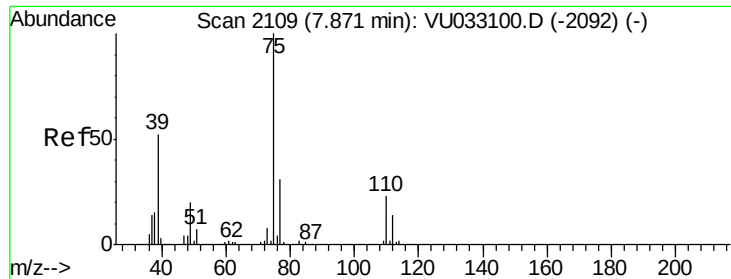
Tgt Ion: 63 Resp: 10357

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

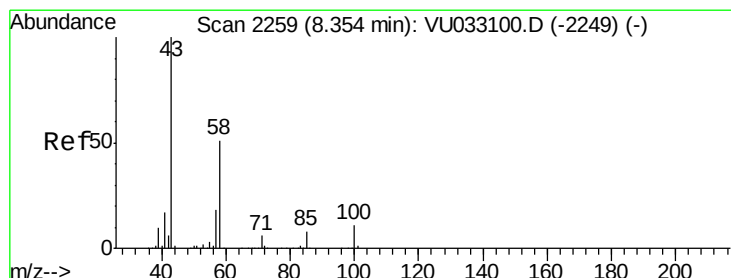
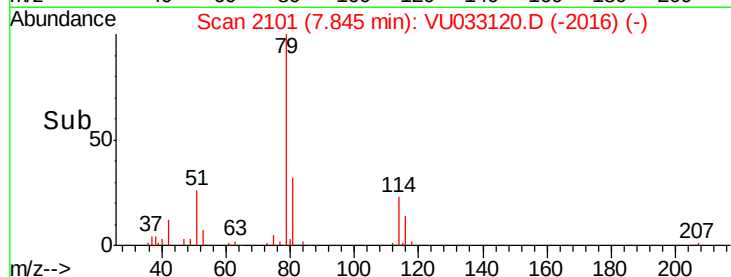
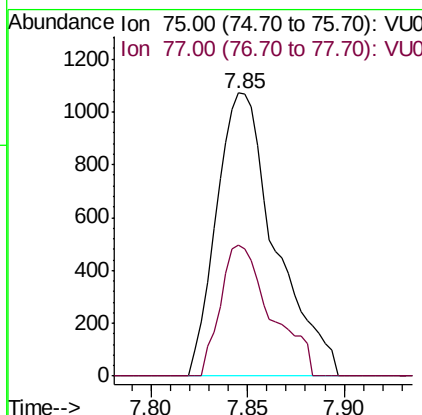
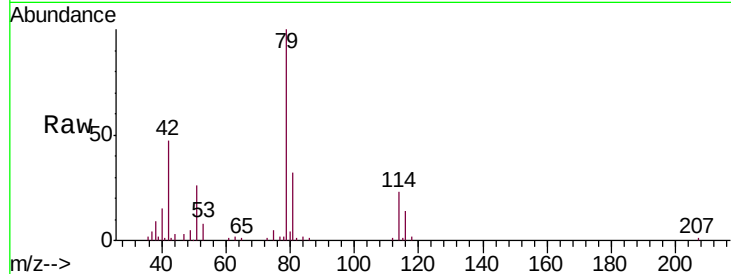




#44
trans-1,3-Dichloropropene
Concen: 0.875 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033120.D
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Instrument :
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GAM16

Tgt Ion: 75 Resp: 2259
Ion Ratio Lower Upper
75 100
77 46.4 21.8 40.4#



#48
2-Hexanone
Concen: 5.158 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.03 min
Lab File: VU033120.D
Acq: 01 Jul 2019 17:24

Tgt Ion: 43 Resp: 12826
Ion Ratio Lower Upper
43 100
58 24.3 40.2 60.2#
57 25.0 14.2 21.4#
100 0.0 8.4 12.6#

