

Data File : VU033272.D
Acq On : 16 Jul 2019 19:02
Operator : JC/SP
Sample : K3772-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52P2

Quant Time: Jul 17 04:49:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	130048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	135018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61127	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54988	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.67	69	48316	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	87526	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.17	46	105736	42.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.68%
24) Chloroform-d	4.62	84	85669	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.29	65	50100	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	176397	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.31	67	58661	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.55	98	154828	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.83	79	21868	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.30	63	92483	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	49925	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	60565	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

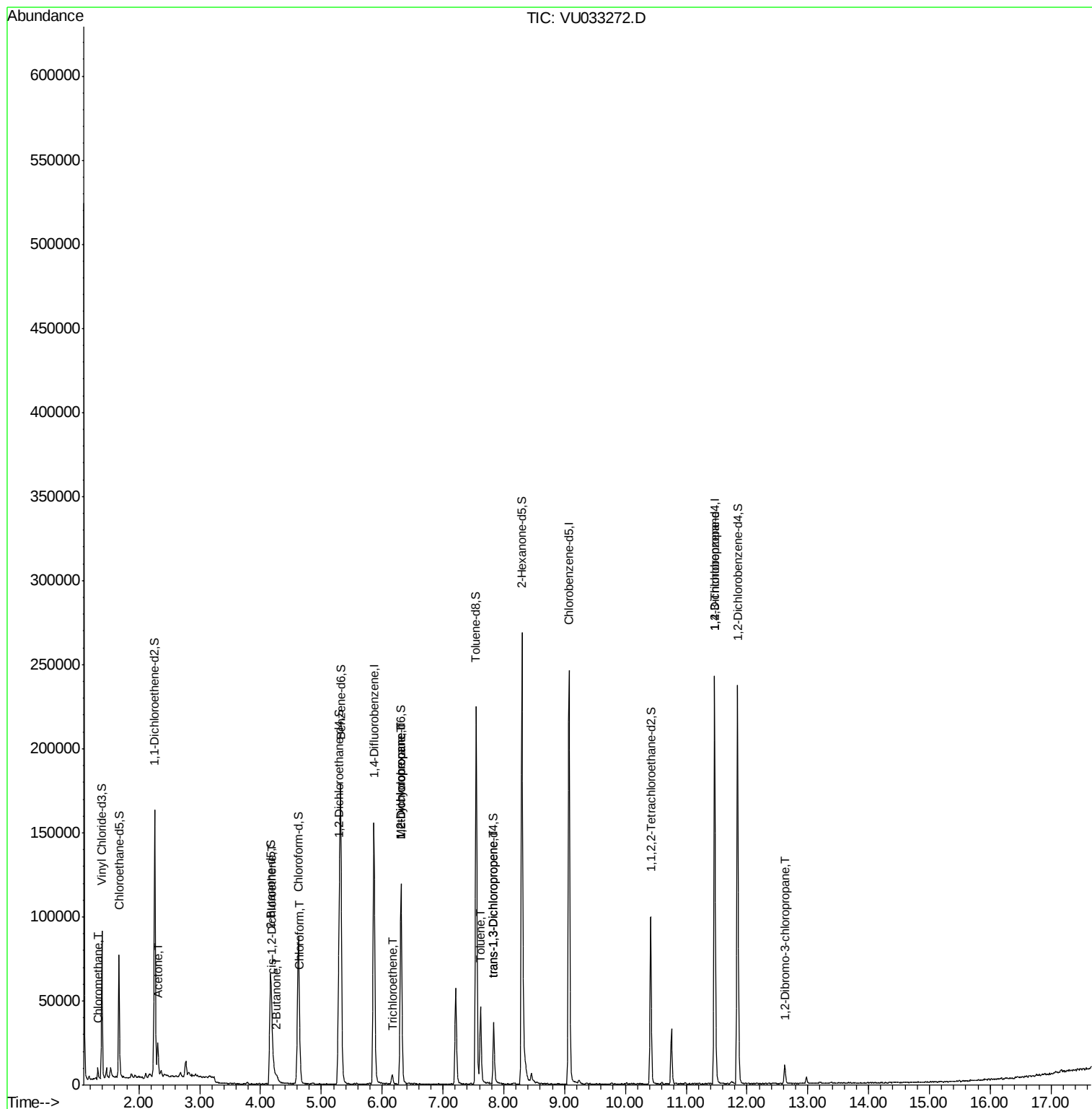
					Qvalue
3) Chloromethane	1.32	50	4168	0.320 ug/L	90
13) Acetone	2.31	43	20649	9.556 ug/L	97
21) 2-Butanone	4.26	43	5989	2.412 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	1473	0.148 ug/L	89
25) Chloroform	4.65	83	4739	0.241 ug/L	99
34) Trichloroethene	6.17	95	1697	0.168 ug/L	86
35) Methylcyclohexane	6.31	83	13510	0.886 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6660	0.644 ug/L #	90
42) Toluene	7.62	91	34264	0.835 ug/L	97
44) trans-1,3-Dichloropropene	7.83	75	1002	0.084 ug/L #	28
59) 1,2,3-Trichloropropane	11.47	75	8812	1.307 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.62	75	2175	1.585 ug/L #	2

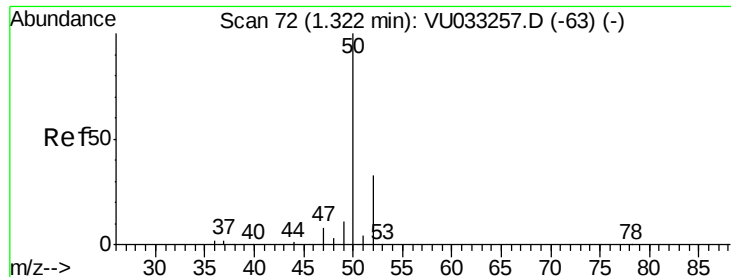
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.320 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

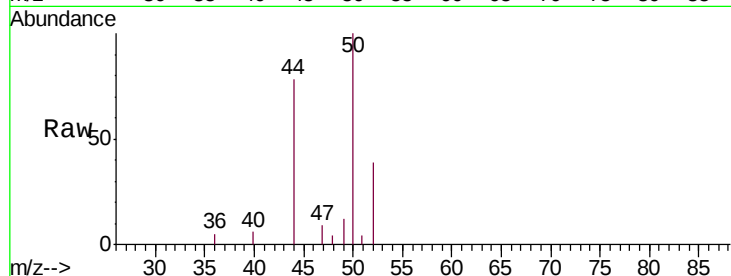
A52P2

Tgt Ion: 50 Resp: 4168

Ion Ratio Lower Upper

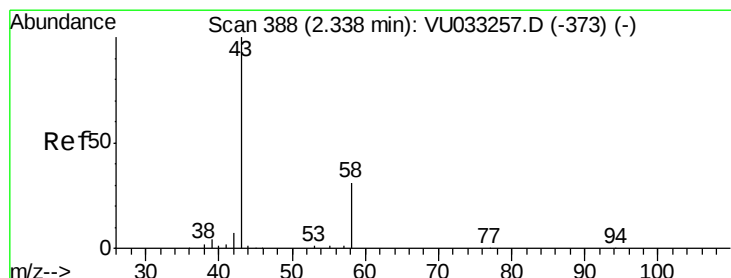
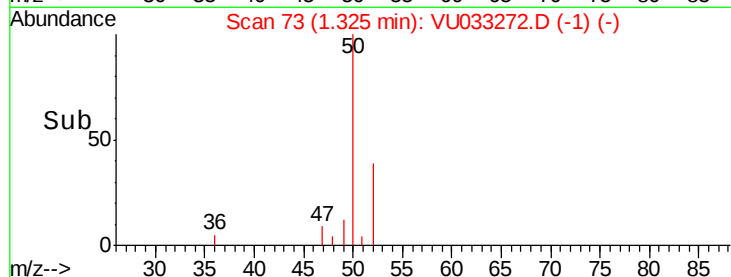
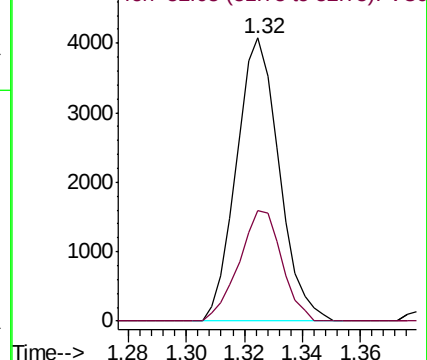
50 100

52 39.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 9.556 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

Lab File: VU033272.D

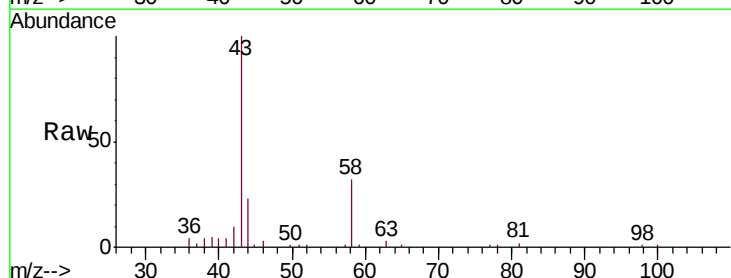
Acq: 16 Jul 2019 19:02

Tgt Ion: 43 Resp: 20649

Ion Ratio Lower Upper

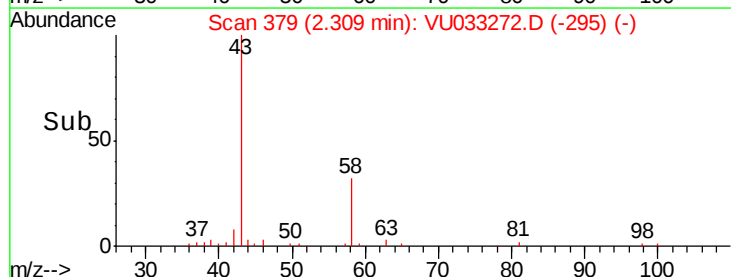
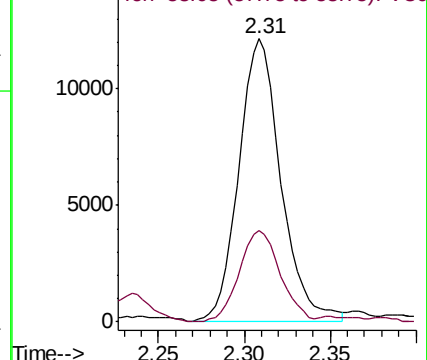
43 100

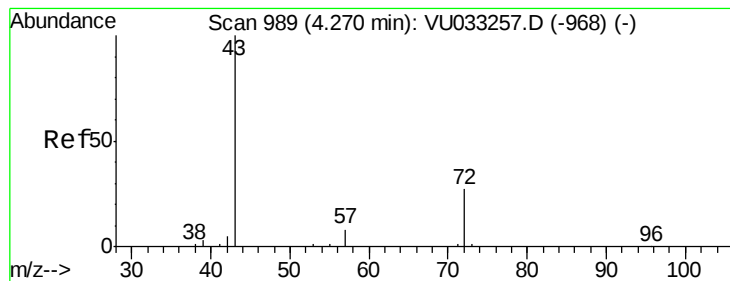
58 31.4 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 2.412 ug/L

RT: 4.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

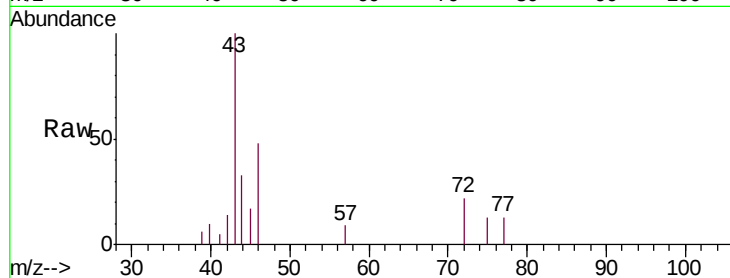
A52P2

Tgt Ion: 43 Resp: 5989

Ion Ratio Lower Upper

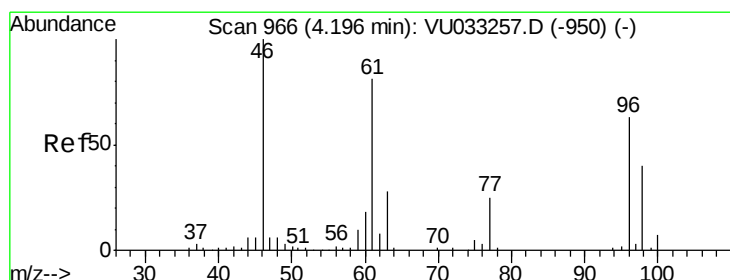
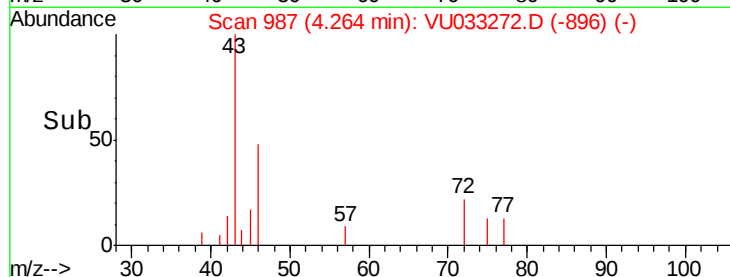
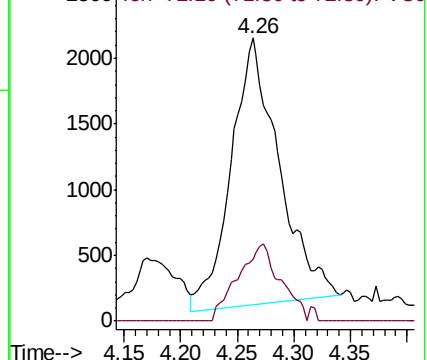
43 100

72 25.7 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU033272.D (-896) (-)

Ion 72.10 (71.80 to 72.80): VU033272.D (-896) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.148 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

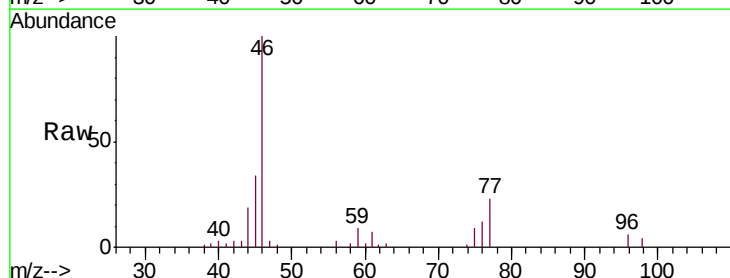
Tgt Ion: 96 Resp: 1473

Ion Ratio Lower Upper

96 100

61 115.0 89.2 165.6

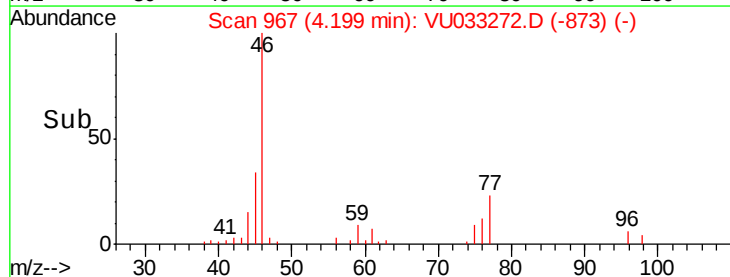
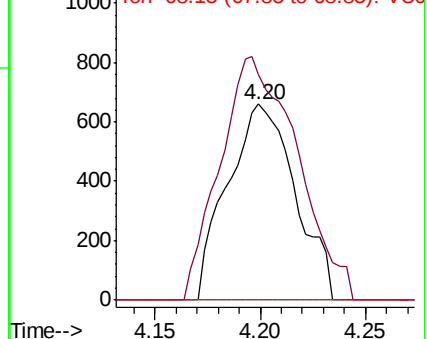
68 0.0 0.0 0.0

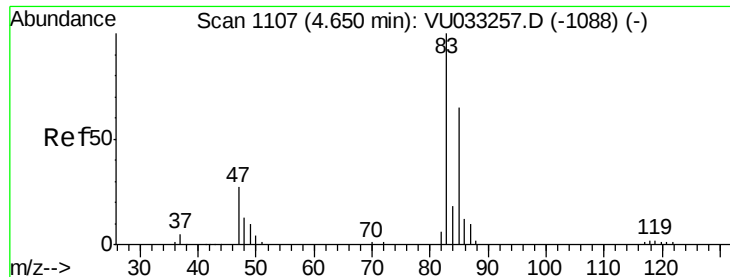


Abundance Ion 96.00 (95.70 to 96.70): VU033272.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU033272.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU033272.D (-873) (-)

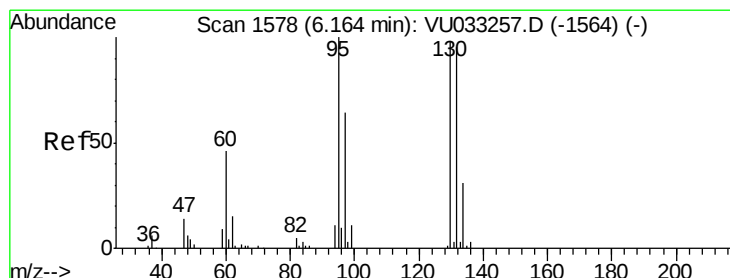
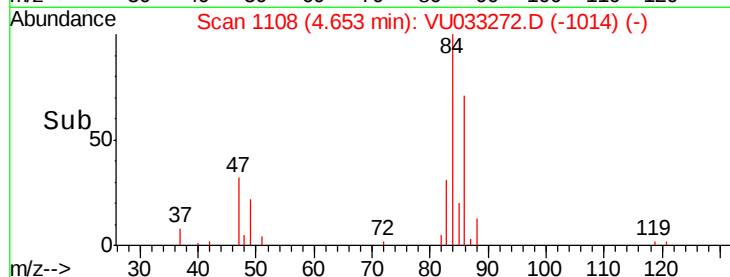
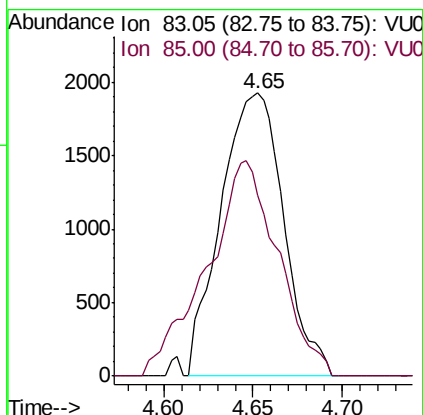
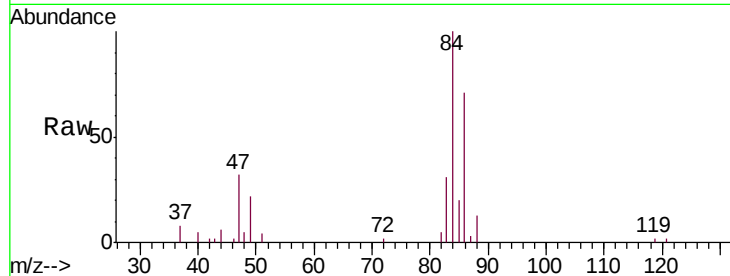




#25
Chloroform
Concen: 0.241 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU033272.D
Acq: 16 Jul 2019 19:02

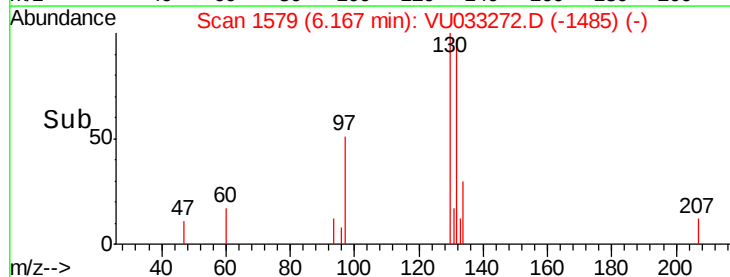
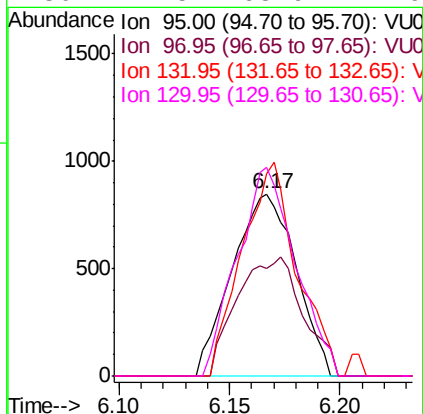
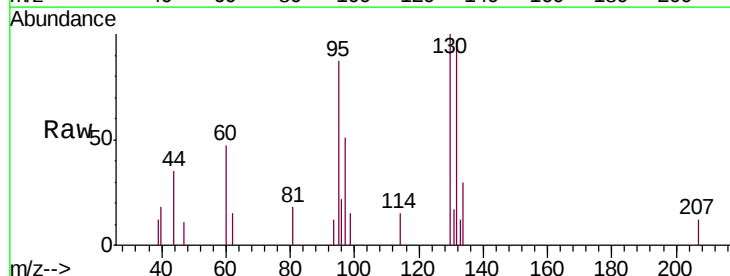
Instrument :
MSVOA_U
ClientSampled :
A52P2

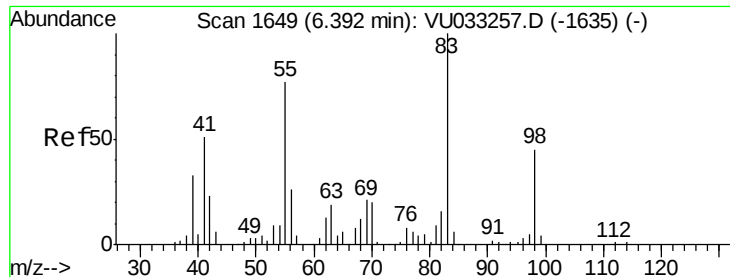
Tgt Ion: 83 Resp: 4739
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4



#34
Trichloroethene
Concen: 0.168 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033272.D
Acq: 16 Jul 2019 19:02

Tgt Ion: 95 Resp: 1697
Ion Ratio Lower Upper
95 100
97 58.9 44.5 82.7
132 111.6 66.6 123.8
130 114.5 68.9 127.9

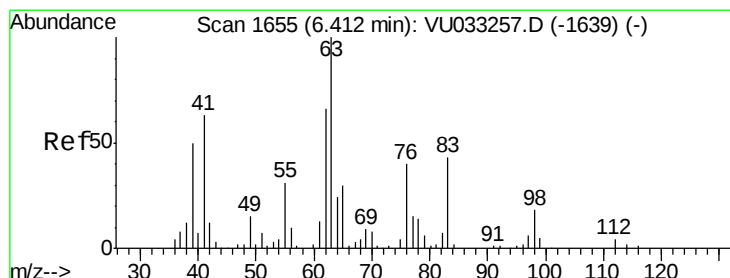
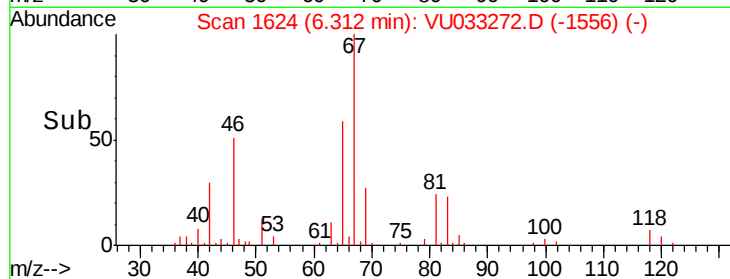
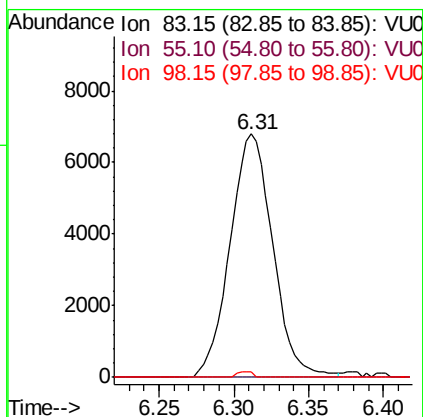
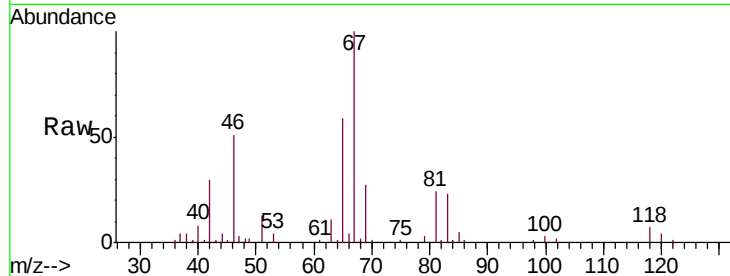




#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033272.D
Acq: 16 Jul 2019 19:02

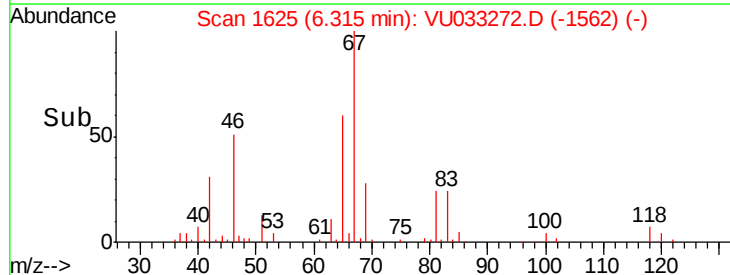
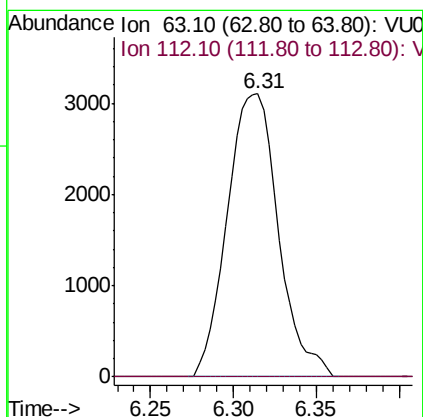
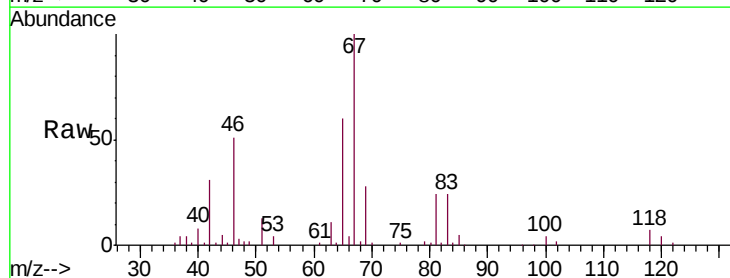
Instrument :
MSVOA_U
ClientSampleId :
A52P2

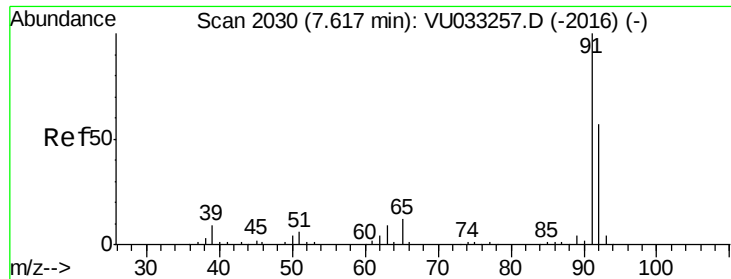
Tgt Ion: 83 Resp: 13510
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.9 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.31 min Scan# 1625
Delta R.T. -0.10 min
Lab File: VU033272.D
Acq: 16 Jul 2019 19:02

Tgt Ion: 63 Resp: 6660
Ion Ratio Lower Upper
63 100
112 0.8 3.1 4.7#





#42

Toluene

Concen: 0.835 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

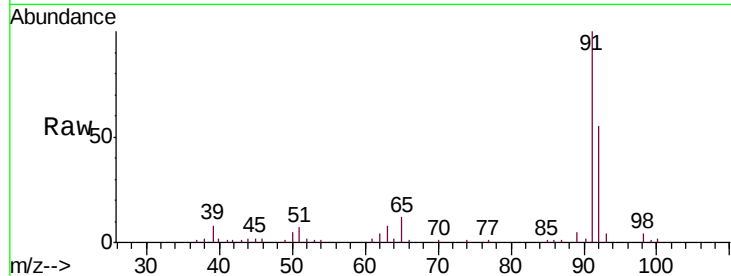
A52P2

Tgt Ion: 91 Resp: 34264

Ion Ratio Lower Upper

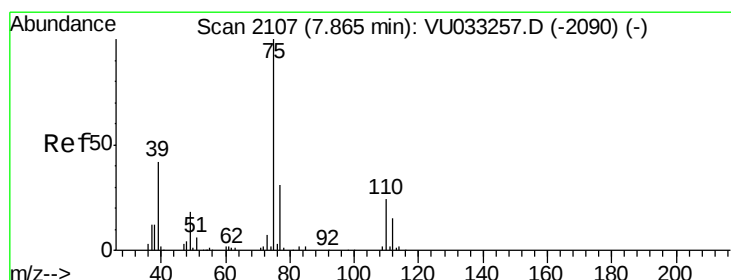
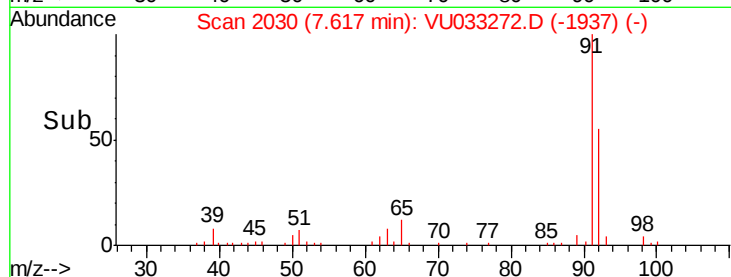
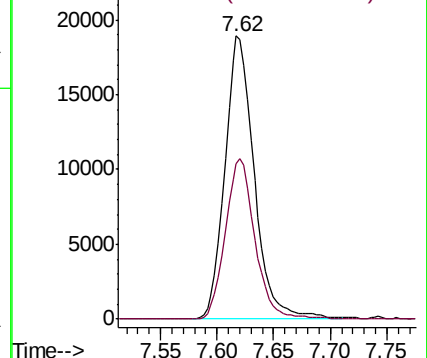
91 100

92 54.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033272.D

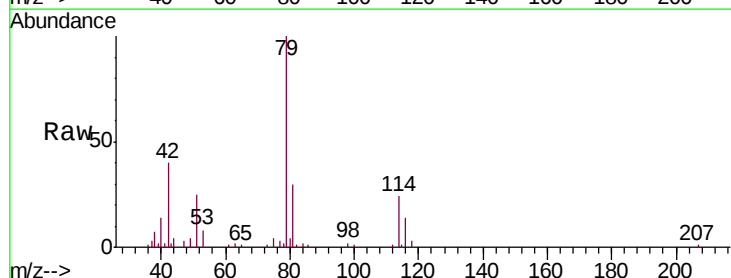
Acq: 16 Jul 2019 19:02

Tgt Ion: 75 Resp: 1002

Ion Ratio Lower Upper

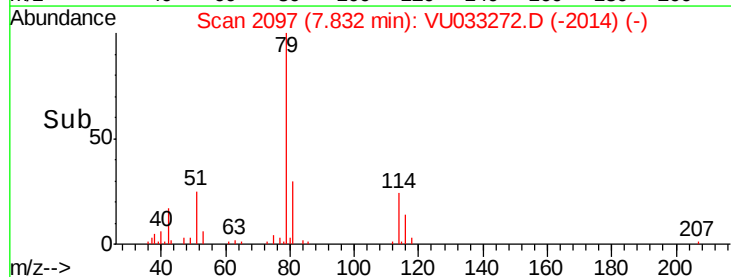
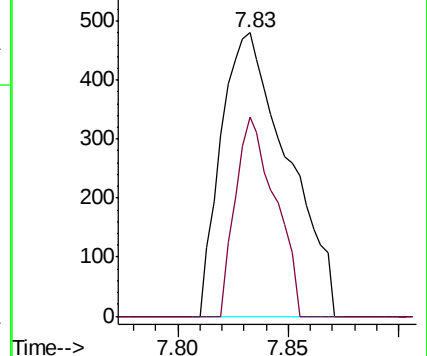
75 100

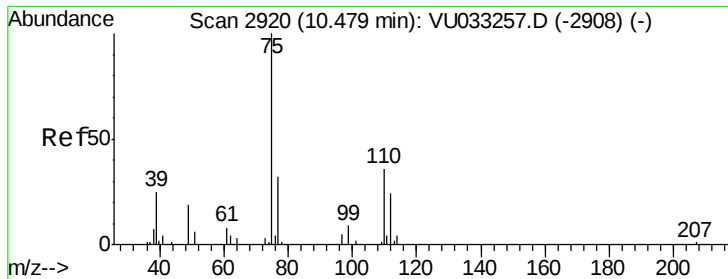
77 70.4 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#59

1,2,3-Trichloropropane

Concen: 1.307 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

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ClientSampleId :

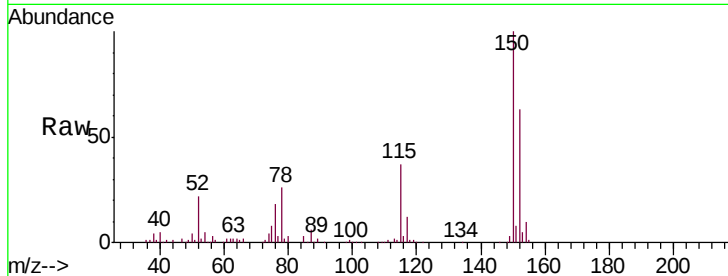
A52P2

Tgt Ion: 75 Resp: 8812

Ion Ratio Lower Upper

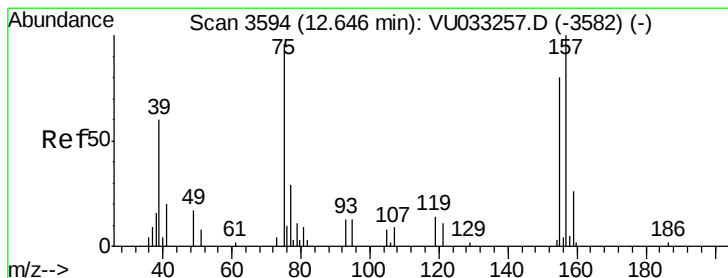
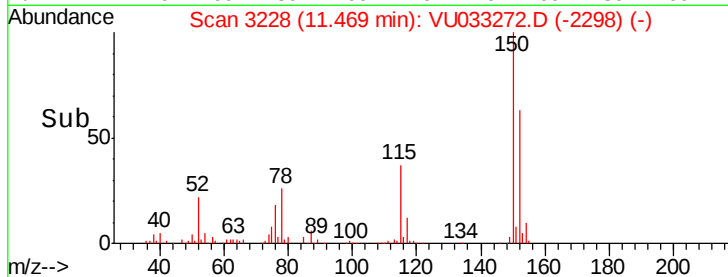
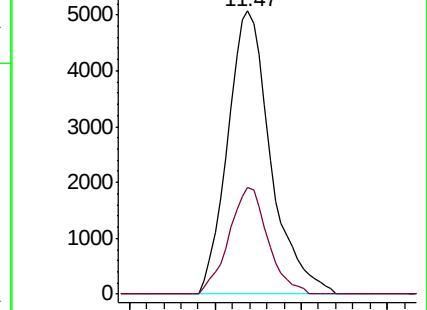
75 100

77 34.1 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU033272.D (-3582) (-)

Ion 77.00 (76.70 to 77.70): VU033272.D (-3582) (-)



#66

1,2-Dibromo-3-chloropropane

Concen: 1.585 ug/L

RT: 12.62 min Scan# 3586

Delta R.T. -0.03 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

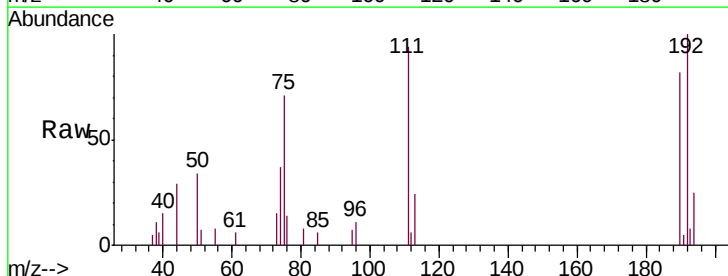
Tgt Ion: 75 Resp: 2175

Ion Ratio Lower Upper

75 100

155 0.0 67.1 100.7#

157 0.0 83.7 125.5#



Abundance Ion 75.05 (74.75 to 75.75): VU033272.D (-3501) (-)

Ion 154.95 (154.65 to 155.65): VU033272.D (-3501) (-)

Ion 156.90 (156.60 to 157.60): VU033272.D (-3501) (-)

