

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033270.D
 Acq On : 16 Jul 2019 18:13
 Operator : JC/SP
 Sample : K3772-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N2

Quant Time: Jul 17 05:58:31 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	134701	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	141921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60921	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54411	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.67	69	47958	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.26	63	87524	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.16	46	106587	41.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.40%
24) Chloroform-d	4.62	84	87928	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.29	65	50770	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.31	84	174554	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.31	67	57950	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.55	98	155963	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.83	79	23017	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.30	63	96030	46.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	49807	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	61573	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

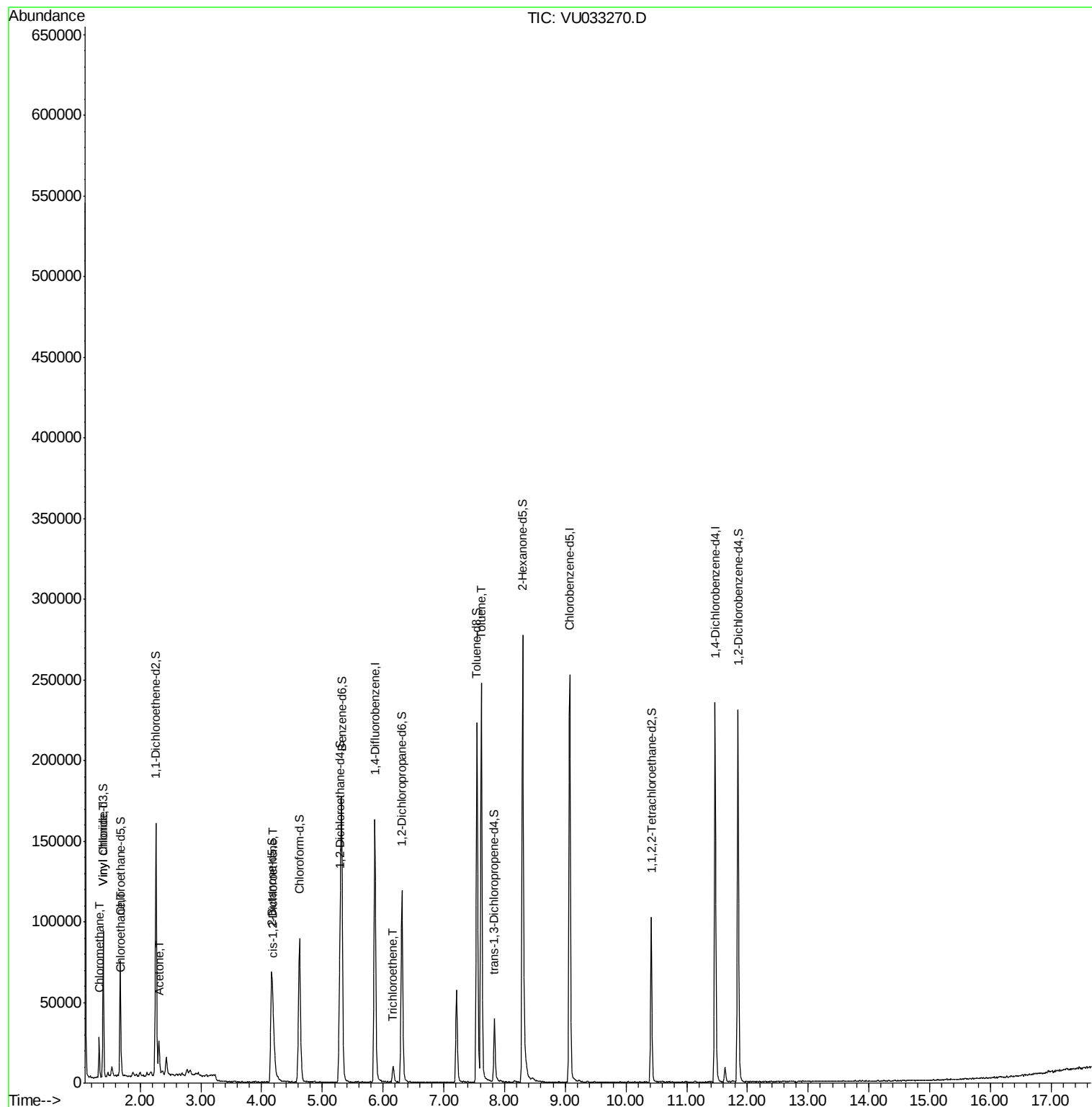
					Ovalue
3) Chloromethane	1.32	50	15328	1.135	ug/L 100
5) Vinyl chloride	1.40	62	5715	0.394	ug/L 84
8) Chloroethane	1.69	64	1138	0.123	ug/L 91
13) Acetone	2.31	43	20304	9.072	ug/L 98
22) cis-1,2-Dichloroethene	4.20	96	6686	0.647	ug/L 94
34) Trichloroethene	6.17	95	3553	0.334	ug/L 92
42) Toluene	7.62	91	181203	4.200	ug/L 100

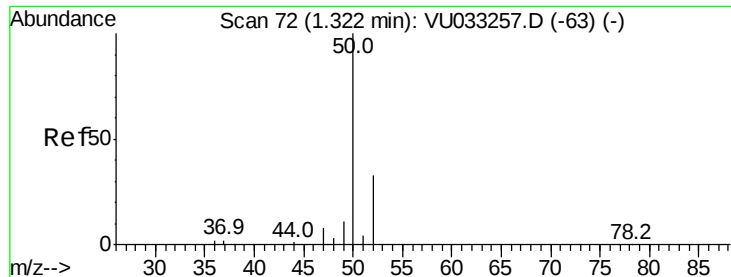
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.135 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033270.D

Acq: 16 Jul 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

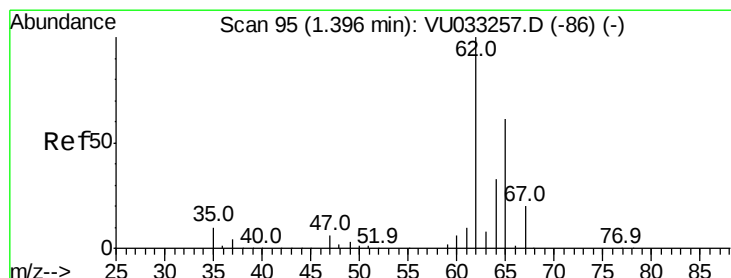
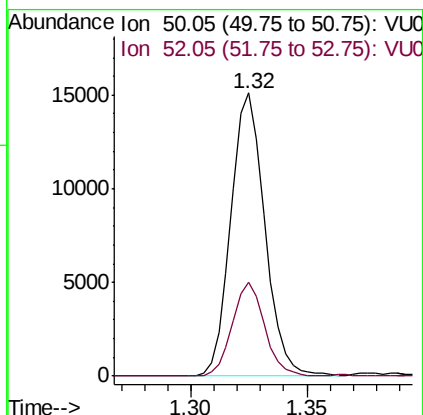
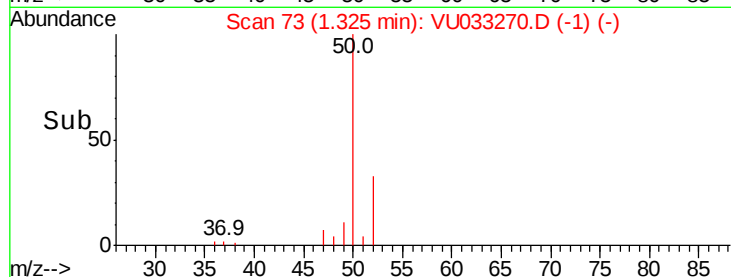
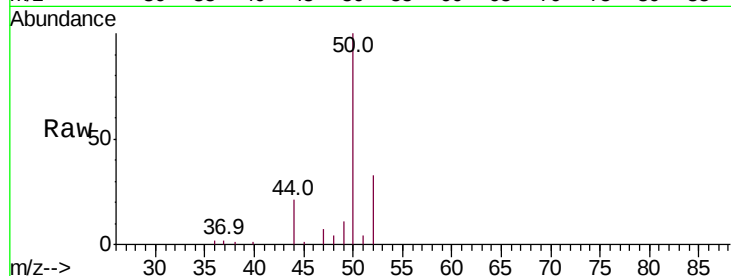
A52N2

Tot Ion: 50 Resp: 15328

Ion Ratio Lower Upper

50 100

52 33.0 23.3 43.3



#5

Vinyl chloride

Concen: 0.394 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033270.D

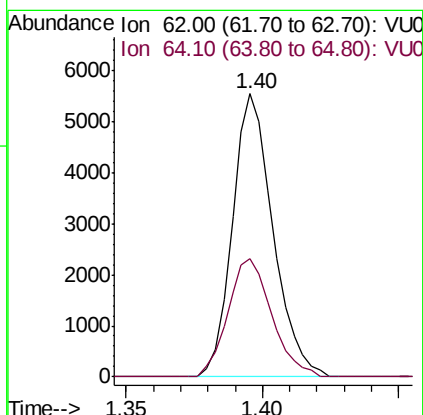
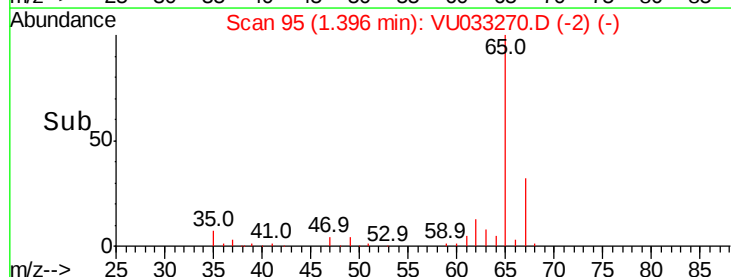
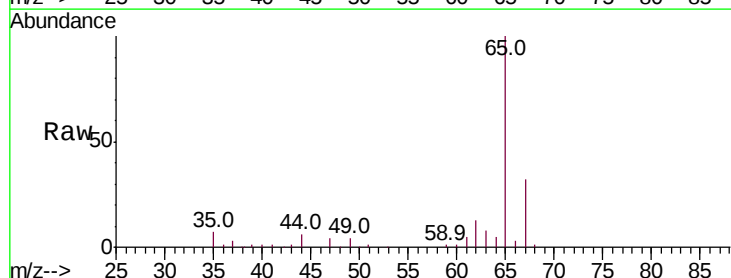
Acq: 16 Jul 2019 18:13

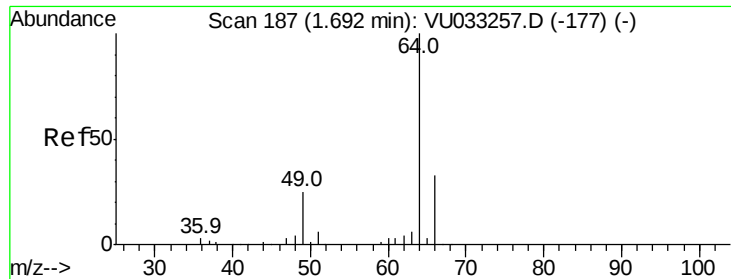
Tgt Ion: 62 Resp: 5715

Ion Ratio Lower Upper

62 100

64 41.9 22.8 42.4

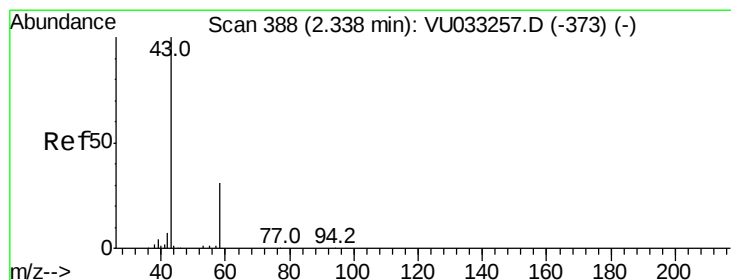
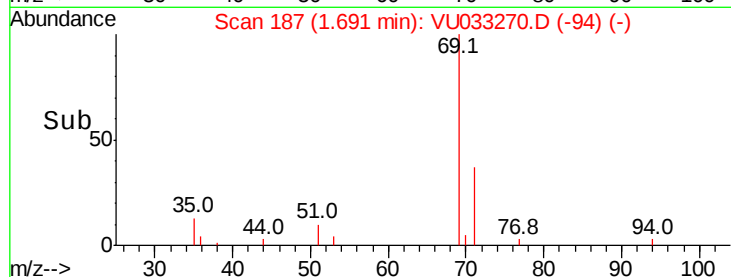
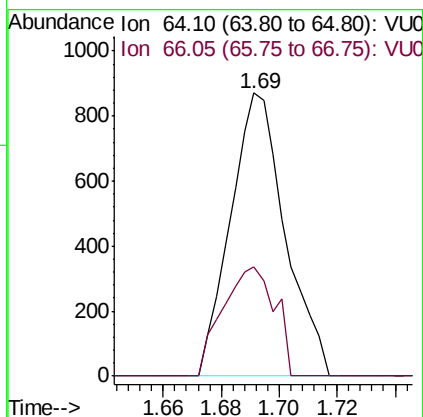
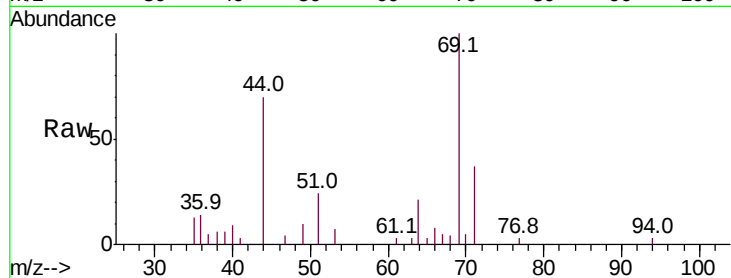




#8
Chloroethane
Concen: 0.123 ug/L
RT: 1.69 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU033270.D
Acq: 16 Jul 2019 18:13

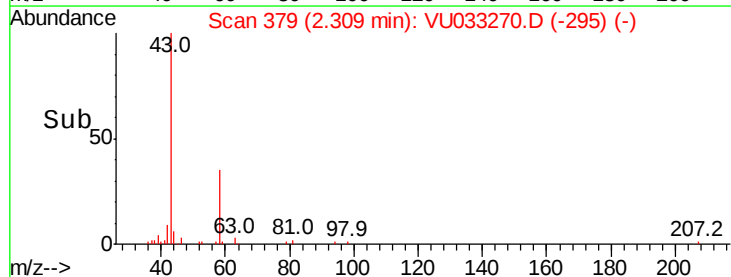
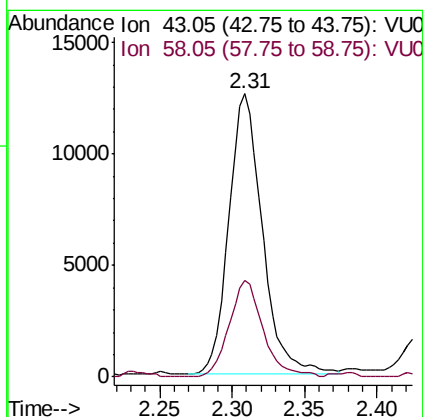
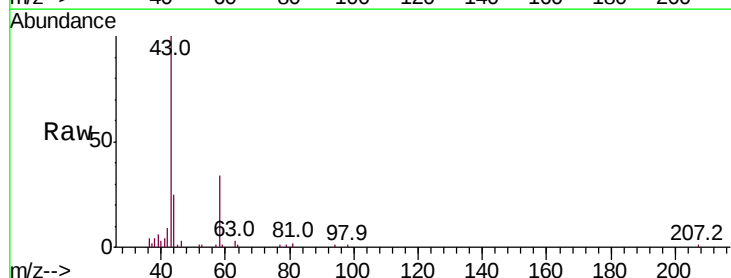
Instrument :
MSVOA_U
ClientSampleId :
A52N2

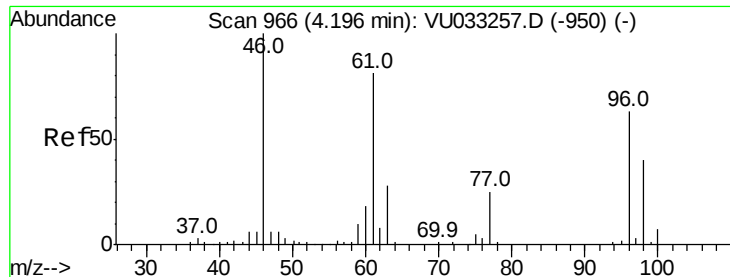
Tot Ion: 64 Resp: 1138
Ion Ratio Lower Upper
64 100
66 38.6 23.2 43.2



#13
Acetone
Concen: 9.072 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.03 min
Lab File: VU033270.D
Acq: 16 Jul 2019 18:13

Tgt Ion: 43 Resp: 20304
Ion Ratio Lower Upper
43 100
58 34.3 0.0 66.6





#22

cis-1,2-Dichloroethene

Concen: 0.647 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033270.D

Acq: 16 Jul 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

A52N2

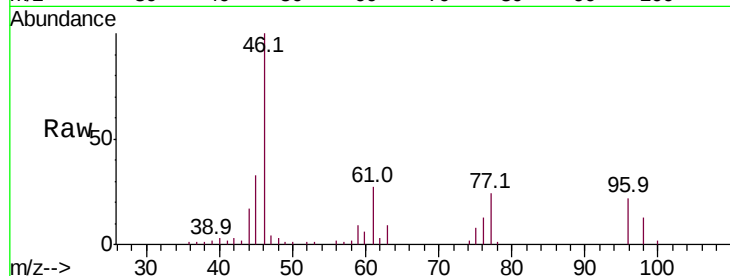
Tot Ion: 96 Resp: 6686

Ion Ratio Lower Upper

96 100

61 120.5 89.2 165.6

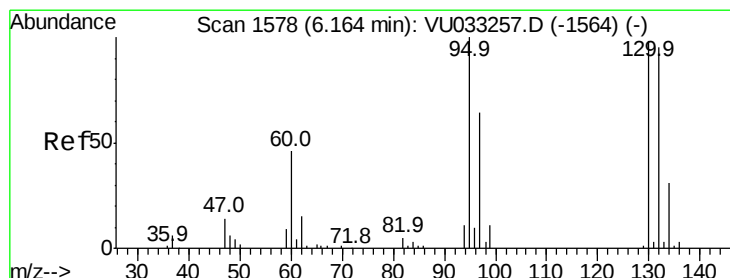
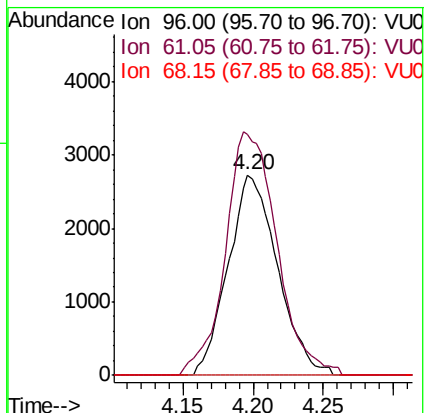
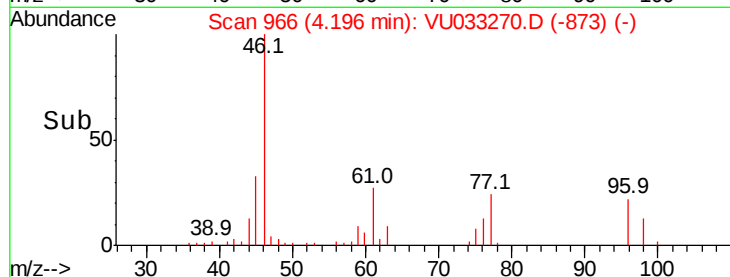
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033270.D (-1485) (-)

Ion 61.05 (60.75 to 61.75): VU033270.D (-1485) (-)

Ion 68.15 (67.85 to 68.85): VU033270.D (-1485) (-)



#34

Trichloroethene

Concen: 0.334 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033270.D

Acq: 16 Jul 2019 18:13

Tgt Ion: 95 Resp: 3553

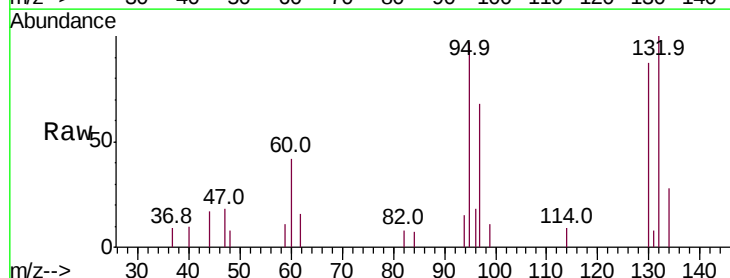
Ion Ratio Lower Upper

95 100

97 70.3 44.5 82.7

132 103.4 66.6 123.8

130 90.3 68.9 127.9

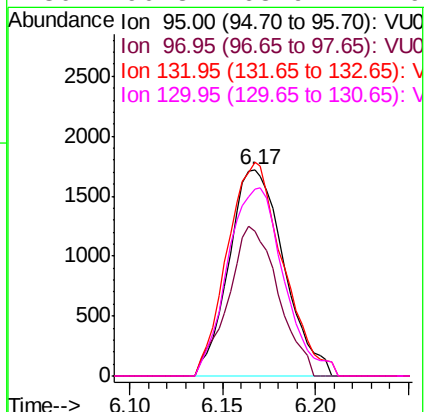
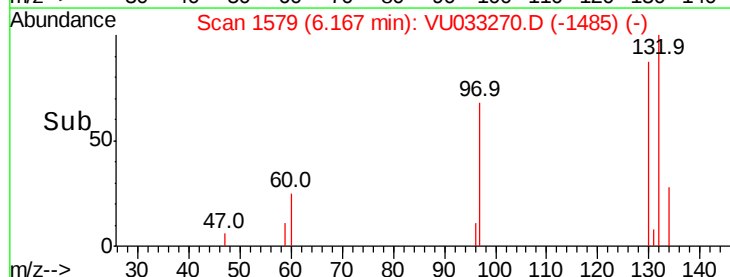


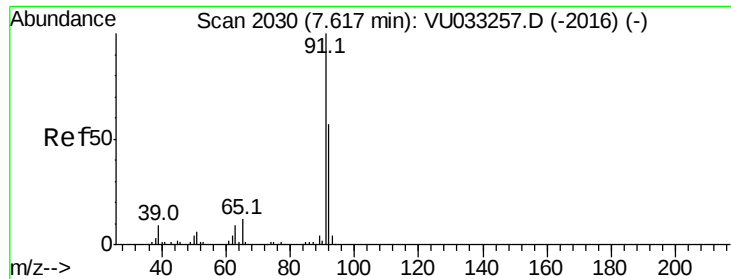
Abundance Ion 95.00 (94.70 to 95.70): VU033270.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU033270.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU033270.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU033270.D (-1485) (-)





#42

Toluene

Concen: 4.200 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033270.D

Acq: 16 Jul 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

A52N2

Tot Ion: 91 Resp: 181203

Ion Ratio Lower Upper

91 100

92 57.0 40.0 74.2

