

Data File : VU033706.D
Acq On : 10 Aug 2019 00:25
Operator : JC/SP
Sample : K4202-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B49

Quant Time: Aug 10 04:30:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	362259	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	349692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	173751	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129748	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.30%
7) Chloroethane-d5	1.67	69	123756	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.26	63	170460	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	4.16	46	263036	159.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	159.11%#
24) Chloroform-d	4.62	84	243643	61.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.00%
26) 1,2-Dichloroethane-d4	5.29	65	161877	65.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.68%#
32) Benzene-d6	5.32	84	492870	59.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.44%
36) 1,2-Dichloropropane-d6	6.31	67	163495	64.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.12%#
41) Toluene-d8	7.55	98	437107	56.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.62%
43) trans-1,3-Dichloropropene-	7.83	79	73946	57.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.64%
47) 2-Hexanone-d5	8.29	63	195685	149.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.17%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	253334	67.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.24%#
64) 1,2-Dichlorobenzene-d4	11.84	152	191433	65.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.92%#

Target Compounds

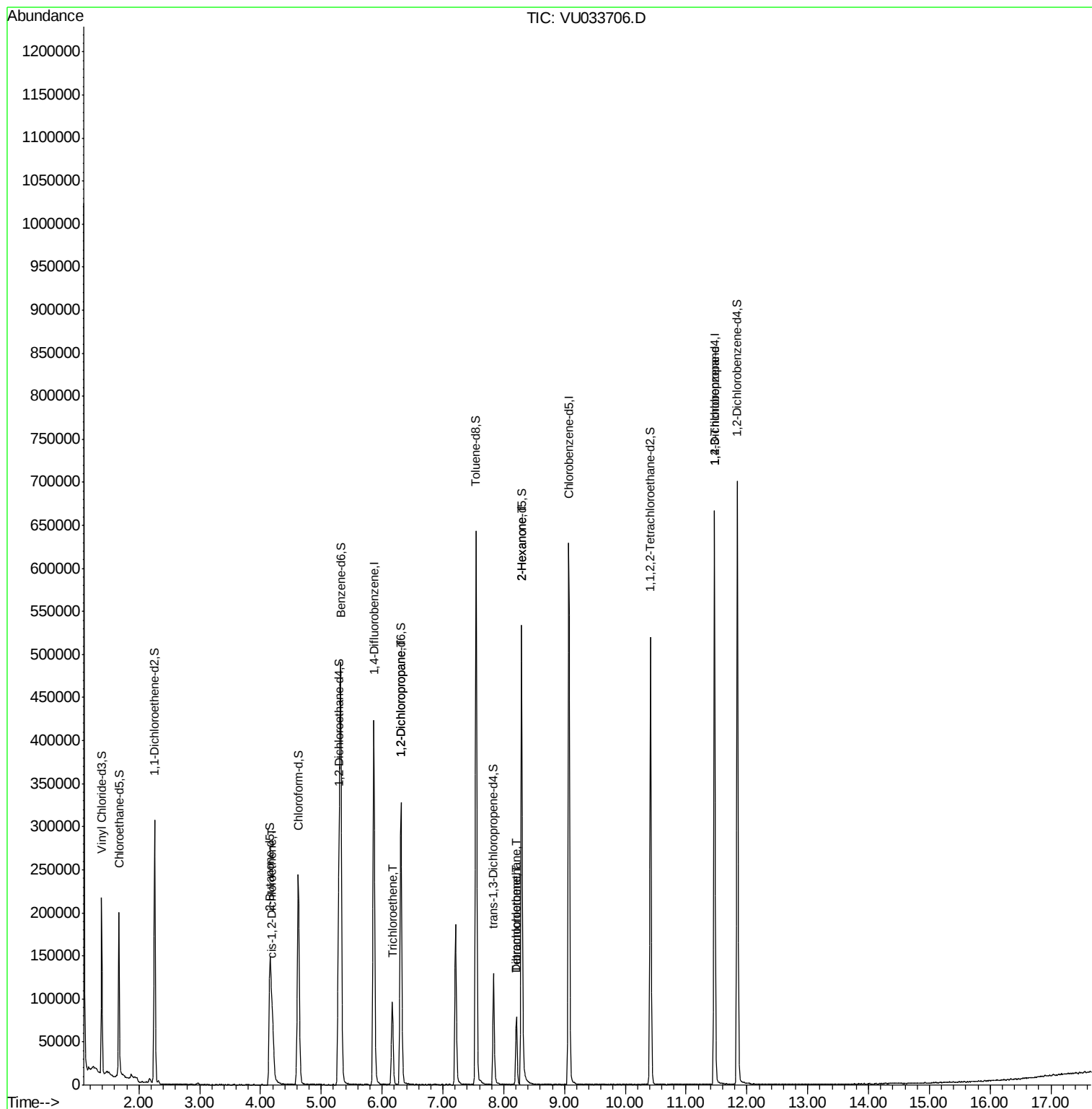
						Qvalue
20) cis-1,2-Dichloroethene	4.20	96	32555	12.501	ug/L	96
34) Trichloroethene	6.17	95	33401	13.008	ug/L	97
37) 1,2-Dichloropropane	6.31	63	16708	6.433	ug/L #	88
46) Tetrachloroethene	8.21	164	17769	8.395	ug/L	96
48) 2-Hexanone	8.29	43	20322	6.682	ug/L #	67
49) Dibromochloromethane	8.21	129	16803	5.907	ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	19522	5.560	ug/L	92

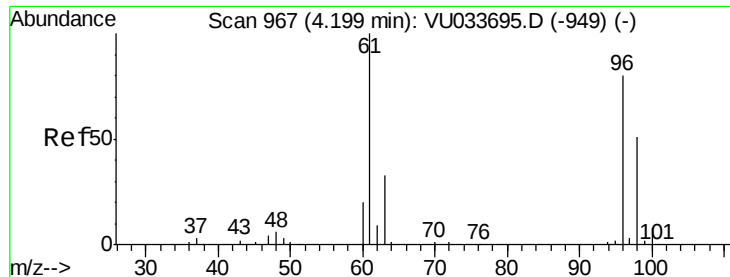
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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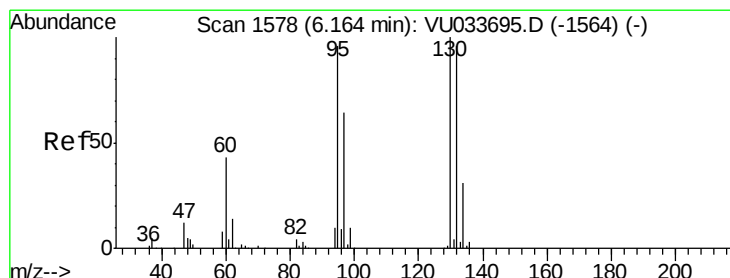
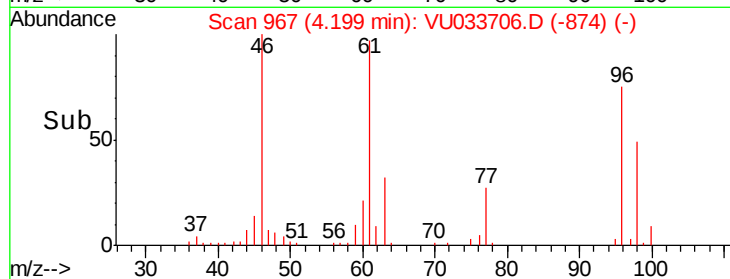
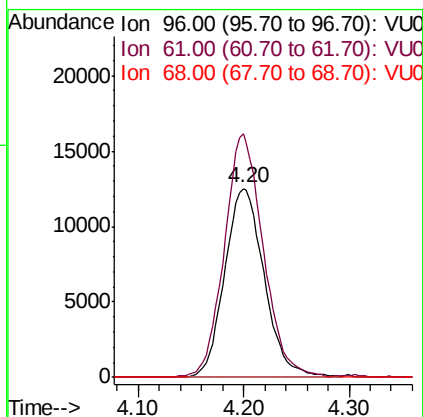
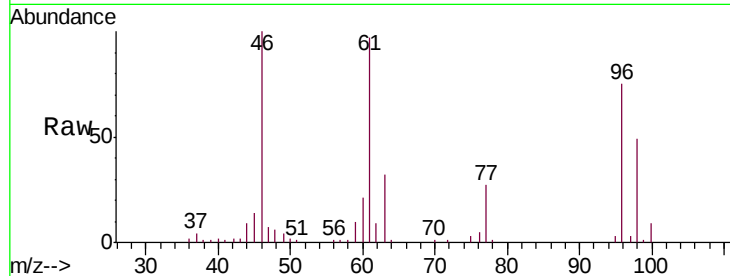




#20
 cis-1,2-Dichloroethene
 Concen: 12.501 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033706.D
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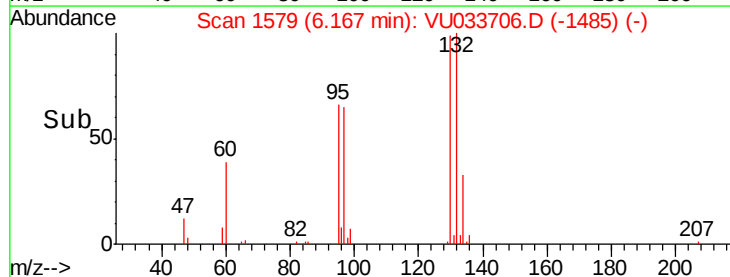
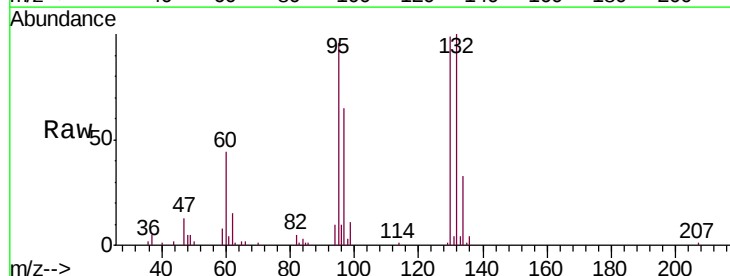
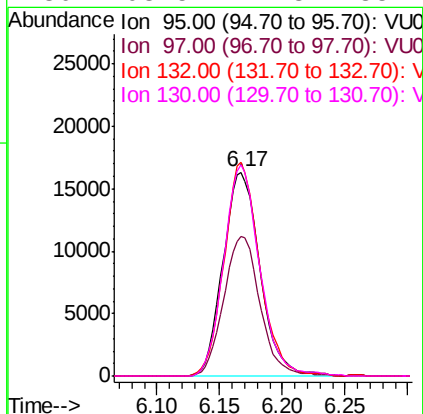
Instrument :
 MSVOA_U
 ClientSampleId :
 F2B49

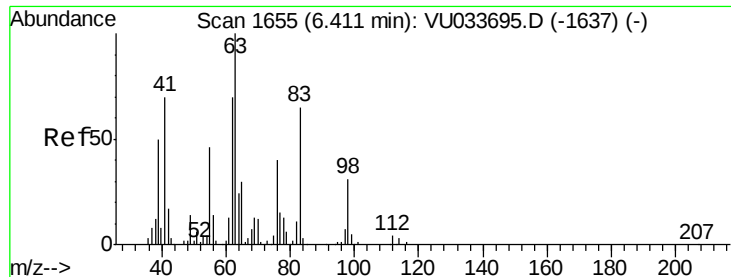
Tgt Ion: 96 Resp: 32555
 Ion Ratio Lower Upper
 96 100
 61 128.8 87.0 161.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 13.008 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033706.D
 Acq: 10 Aug 2019 00:25

Tgt Ion: 95 Resp: 33401
 Ion Ratio Lower Upper
 95 100
 97 68.5 45.6 84.8
 132 104.7 72.0 133.8
 130 103.5 74.3 138.1

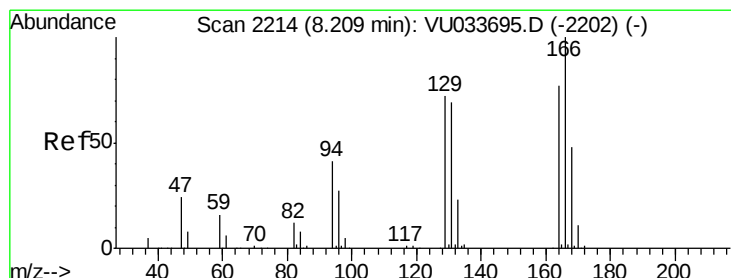
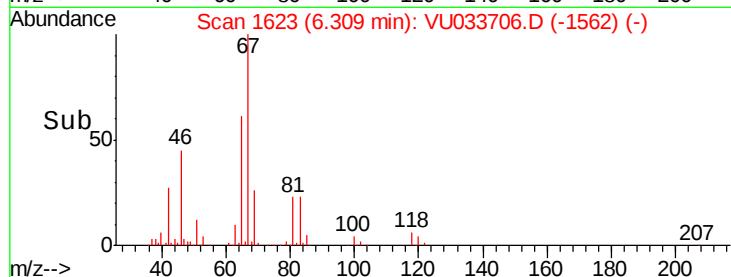
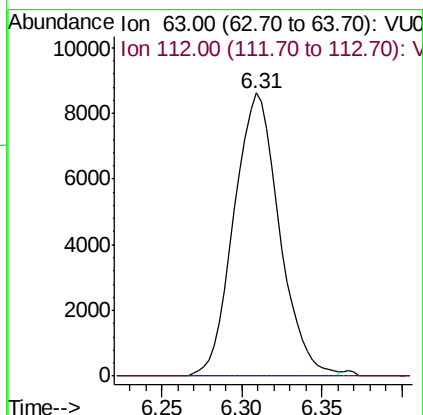
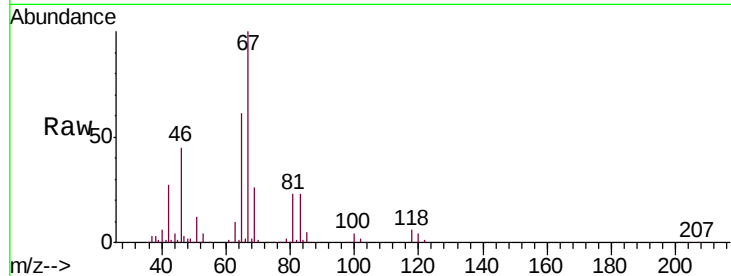




#37
 1,2-Dichloropropane
 Concen: 6.433 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033706.D
 Acq: 10 Aug 2019 00:25

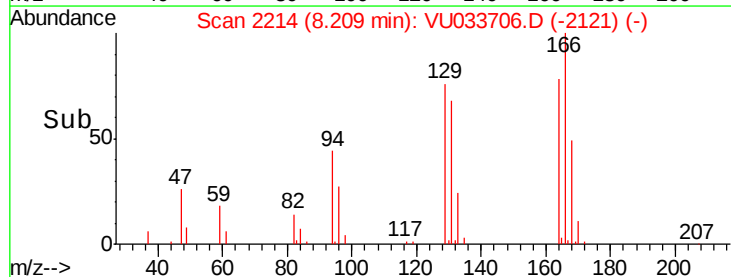
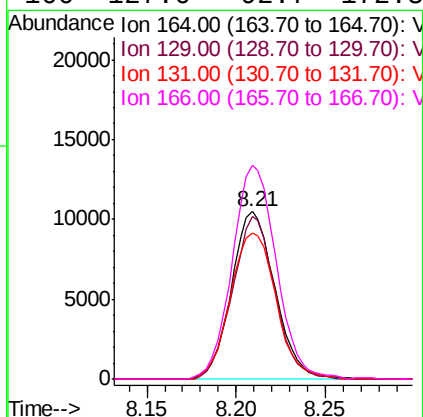
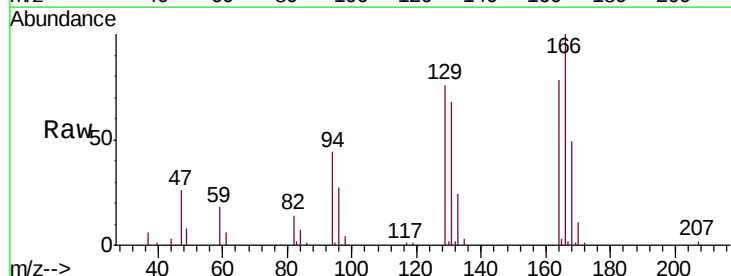
Instrument :
 MSVOA_U
 ClientSampleId :
 F2B49

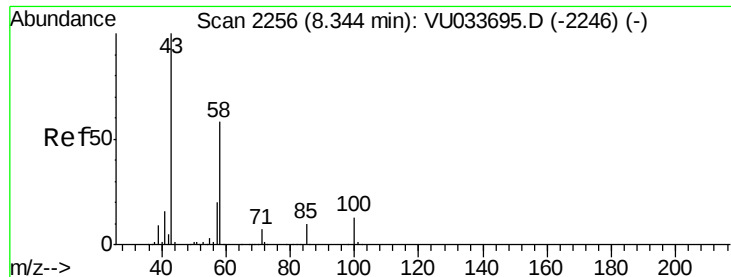
Tgt Ion: 63 Resp: 16708
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#46
 Tetrachloroethene
 Concen: 8.395 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU033706.D
 Acq: 10 Aug 2019 00:25

Tgt Ion: 164 Resp: 17769
 Ion Ratio Lower Upper
 164 100
 129 97.5 65.5 121.7
 131 87.2 63.6 118.0
 166 127.6 92.7 172.3





#48

2-Hexanone

Concen: 6.682 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU033706.D

Acq: 10 Aug 2019 00:25

Instrument :

MSVOA_U

ClientSampleId :

F2B49

Tgt Ion: 43 Resp: 20322

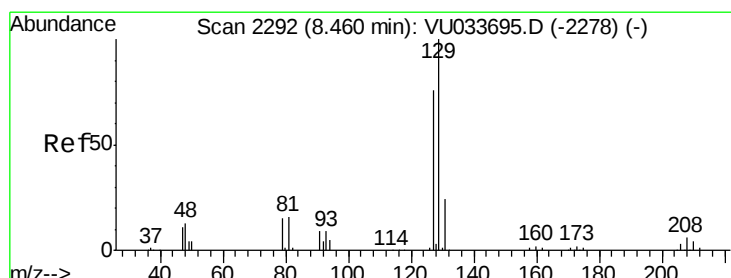
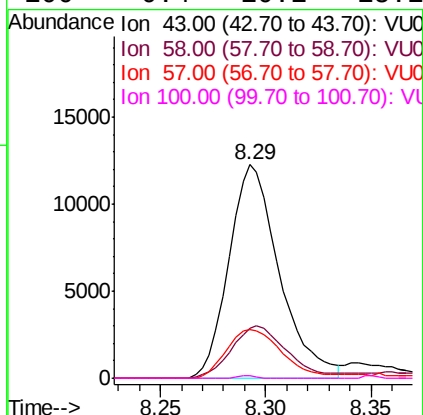
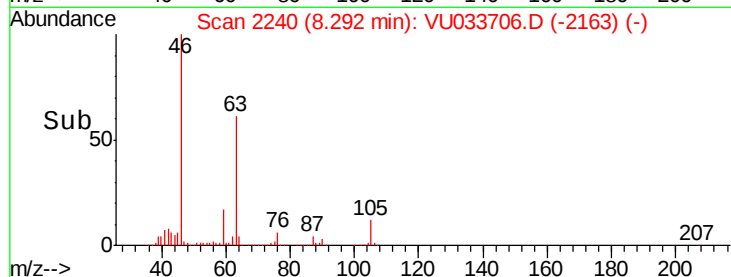
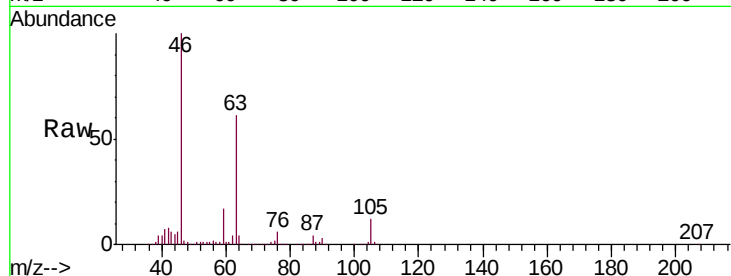
Ion Ratio Lower Upper

43 100

58 27.7 46.6 70.0#

57 24.9 16.2 24.4#

100 0.4 10.1 15.1#



#49

Dibromochloromethane

Concen: 5.907 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU033706.D

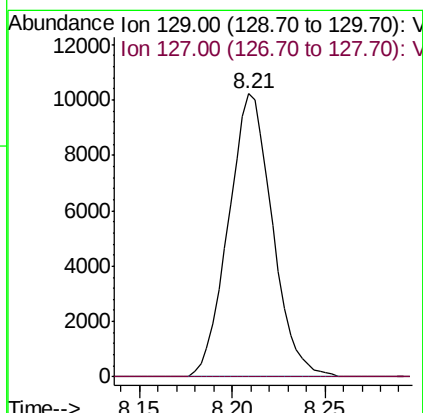
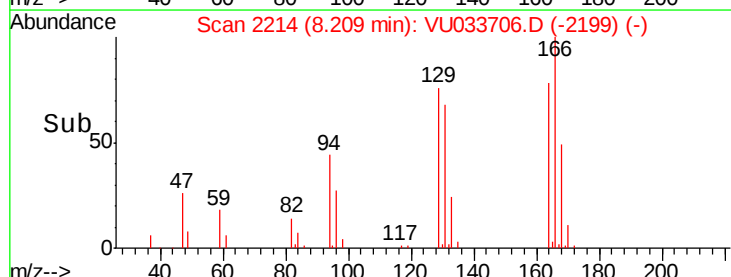
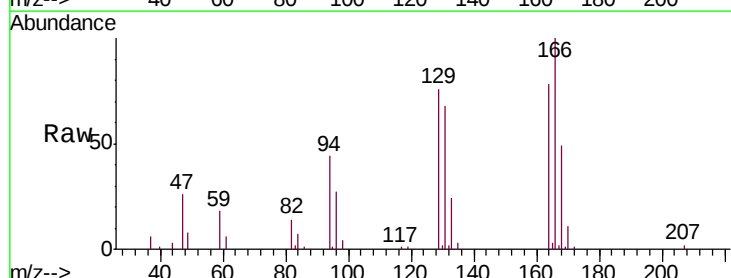
Acq: 10 Aug 2019 00:25

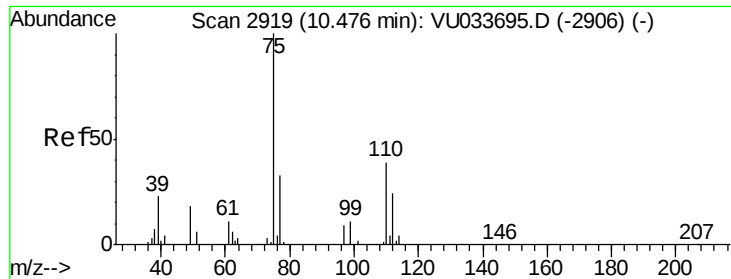
Tgt Ion: 129 Resp: 16803

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#





#59

1,2,3-Trichloropropane

Concen: 5.560 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033706.D

Acq: 10 Aug 2019 00:25

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 19522

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6

