

Data File : VU032116.D
Acq On : 17 May 2019 21:32
Operator : JC/SP
Sample : K2850-06DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W06DL

Quant Time: May 18 04:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	375999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	377442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121466	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.68	69	102906	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.27	63	170197	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.20	46	272118	43.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.52%
24) Chloroform-d	4.64	84	233489	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.31	65	123227	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.33	84	466136	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.33	67	140344	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.56	98	385783	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.85	79	47926	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.31	63	230493	42.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127352	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	148006	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

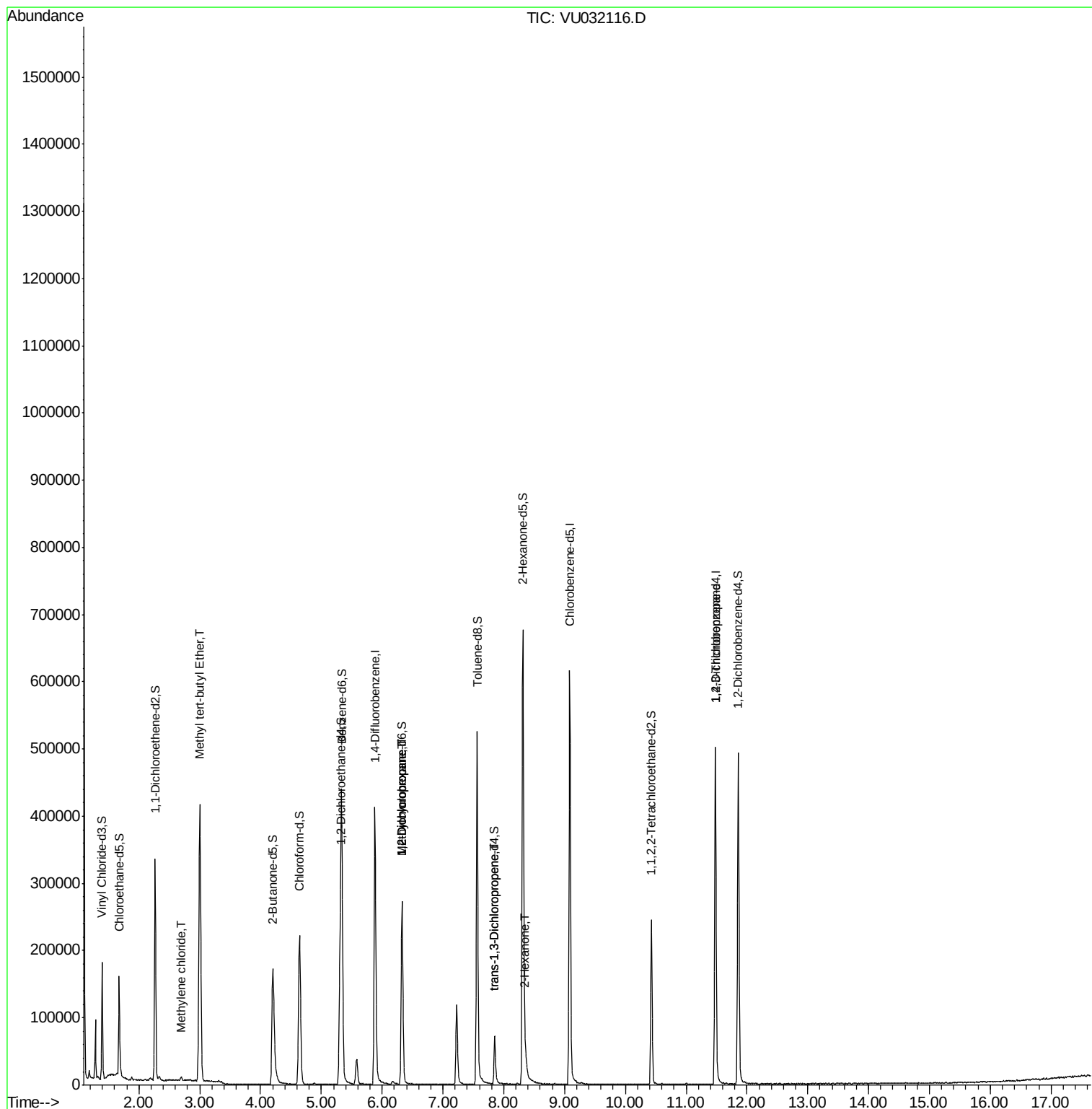
						Qvalue
16) Methylene chloride	2.70	84	2730	0.151	ug/L	91
17) Methyl tert-butyl Ether	3.00	73	480063	13.523	ug/L	96
35) Methylcyclohexane	6.33	83	34836	1.539	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	15072	1.064	ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	1998	0.131	ug/L	86
48) 2-Hexanone	8.36	43	12726	2.498	ug/L #	35
59) 1,2,3-Trichloropropane	11.48	75	15075	1.675	ug/L	91

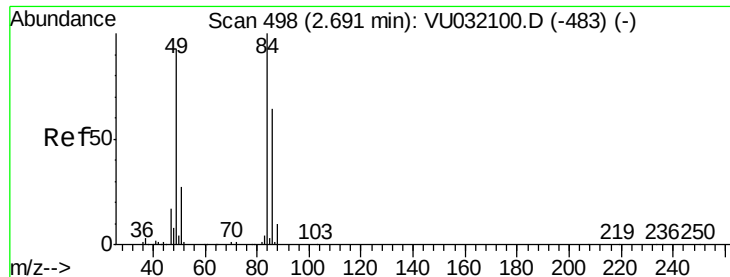
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032116.D
Acq On : 17 May 2019 21:32
Operator : JC/SP
Sample : K2850-06DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W06DL

Quant Time: May 18 04:14:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

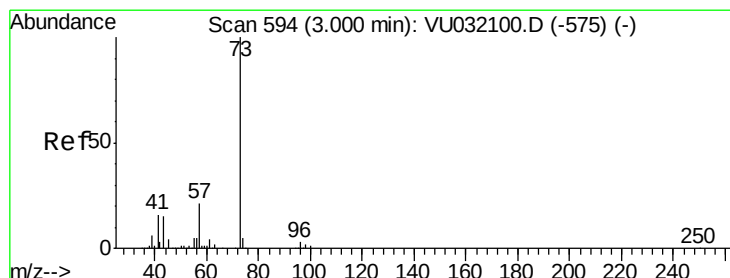
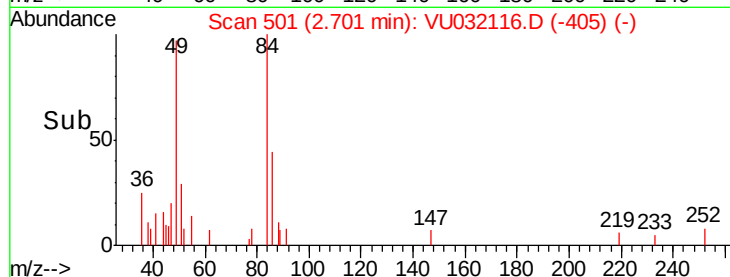
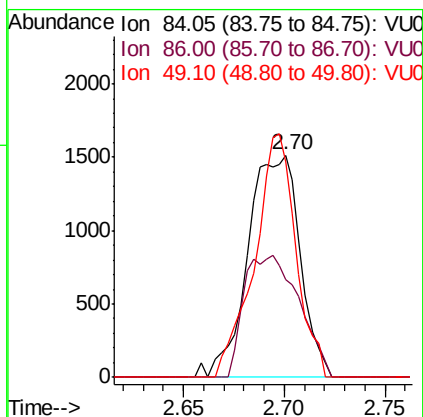
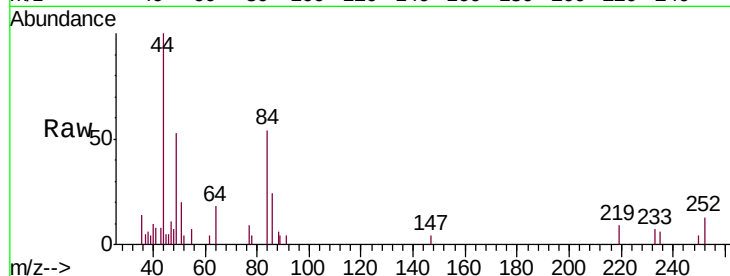




#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU032116.D
Acq: 17 May 2019 21:32

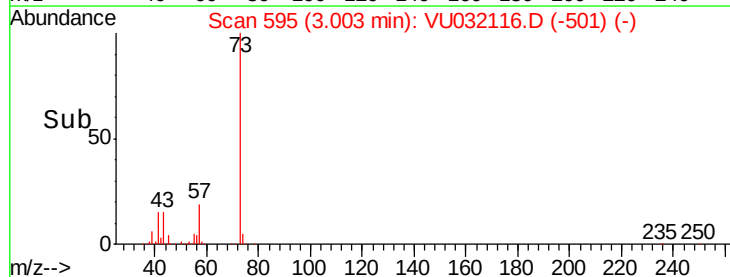
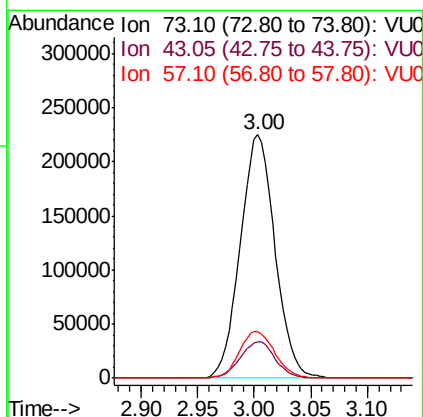
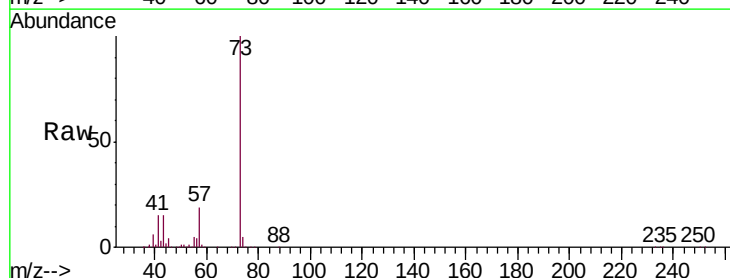
Instrument :
MSVOA_U
ClientSampleId :
F9W06DL

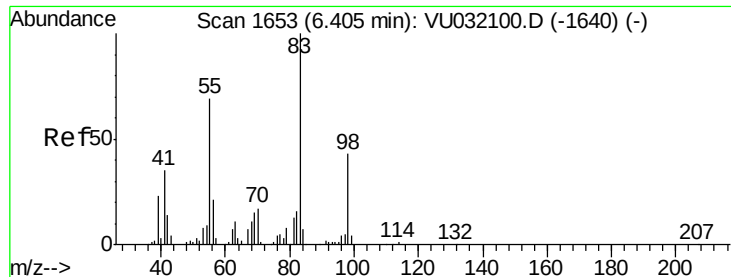
Tgt Ion: 84 Resp: 2730
Ion Ratio Lower Upper
84 100
86 44.0 43.1 80.1
49 97.1 67.7 125.7



#17
Methyl tert-butyl Ether
Concen: 13.523 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032116.D
Acq: 17 May 2019 21:32

Tgt Ion: 73 Resp: 480063
Ion Ratio Lower Upper
73 100
43 15.2 13.0 19.6
57 19.6 17.9 26.9

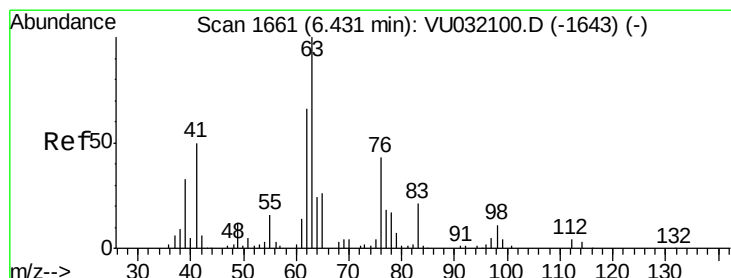
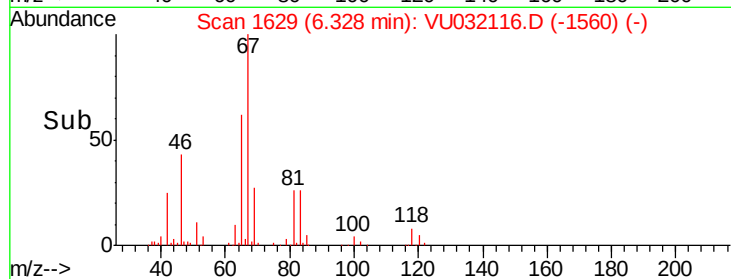
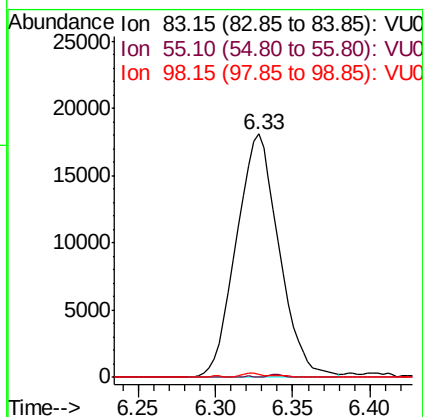
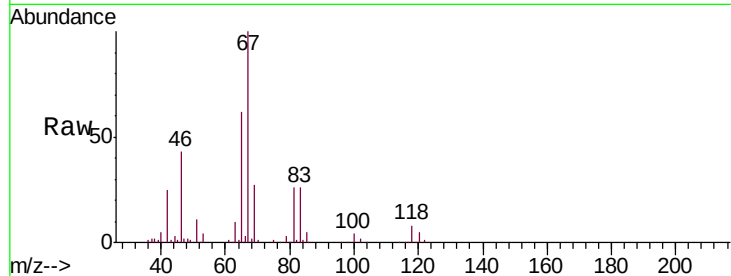




#35
Methylcyclohexane
Concen: 1.539 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032116.D
Acq: 17 May 2019 21:32

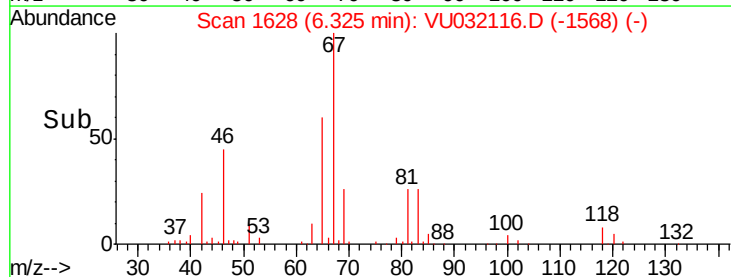
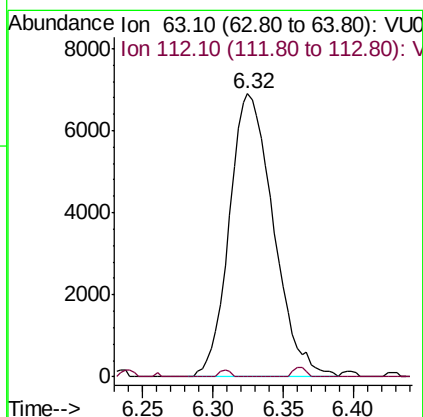
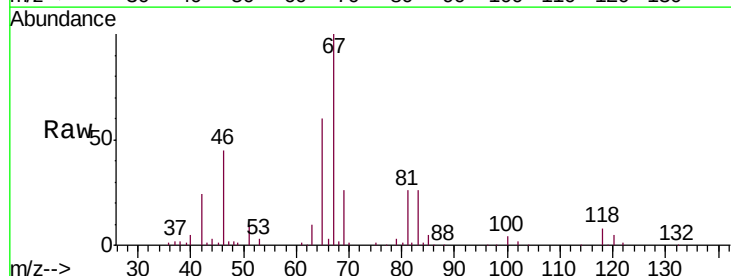
Instrument :
MSVOA_U
ClientSampleId :
F9W06DL

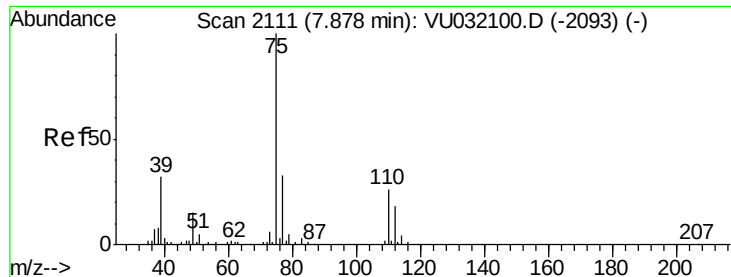
Tgt Ion: 83 Resp: 34836
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.1 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.064 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032116.D
Acq: 17 May 2019 21:32

Tgt Ion: 63 Resp: 15072
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032116.D

Acq: 17 May 2019 21:32

Instrument :

MSVOA_U

ClientSampled :

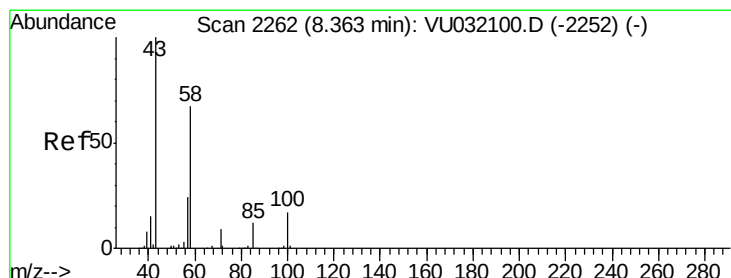
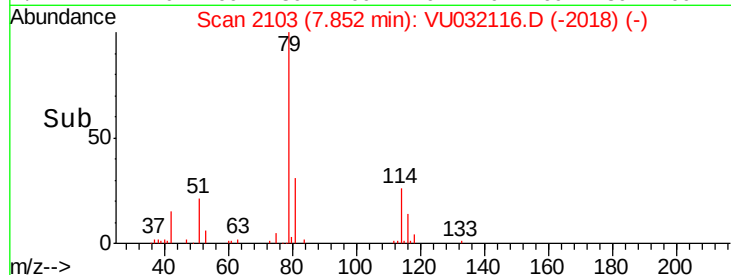
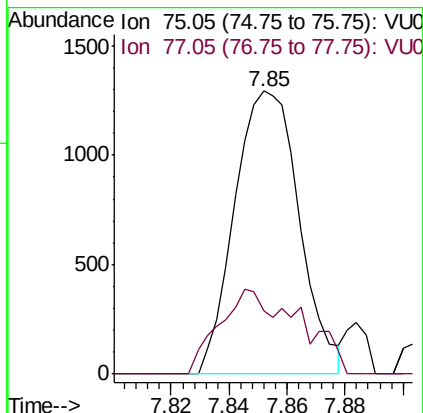
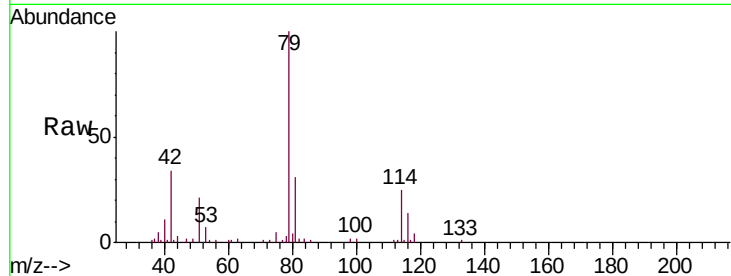
F9W06DL

Tgt Ion: 75 Resp: 1998

Ion Ratio Lower Upper

75 100

77 22.3 21.0 39.0



#48

2-Hexanone

Concen: 2.498 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU032116.D

Acq: 17 May 2019 21:32

Tgt Ion: 43 Resp: 12726

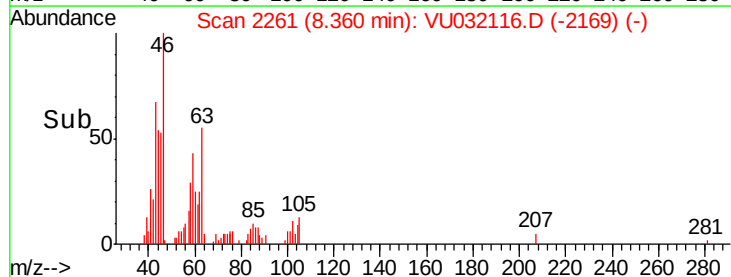
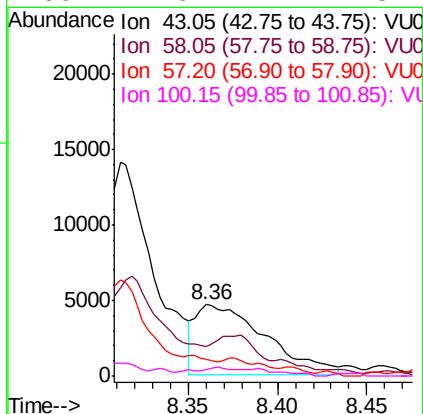
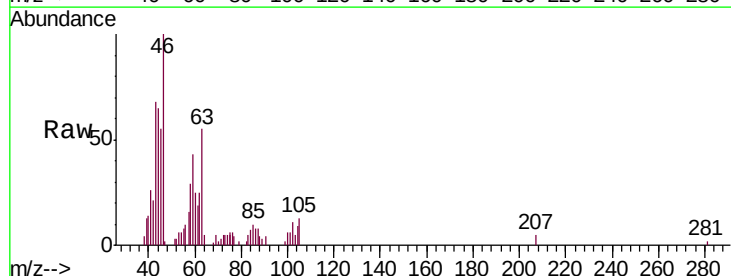
Ion Ratio Lower Upper

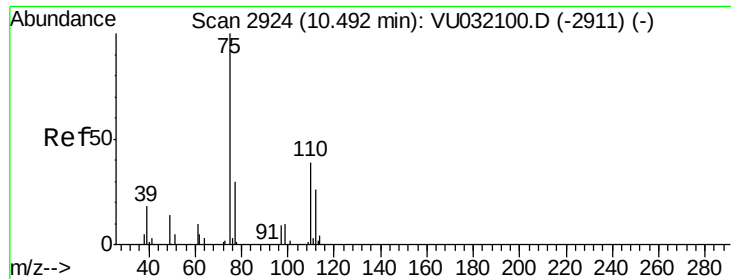
43 100

58 0.0 51.6 77.4#

57 0.0 18.4 27.6#

100 7.6 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.675 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032116.D

Acq: 17 May 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

F9W06DL

Tgt Ion: 75 Resp: 15075

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

