

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080719\
 Data File : VU033622.D
 Acq On : 07 Aug 2019 17:17
 Operator : JC/SP
 Sample : K4202-06 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B23DL

Quant Time: Aug 08 03:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 03:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	286385	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	288727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	129729	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93703	51.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.40%
7) Chloroethane-d5	1.67	69	86245	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.56%
11) 1,1-Dichloroethene-d2	2.26	63	124755	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.40%
21) 2-Butanone-d5	4.15	46	181081	122.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.13%
24) Chloroform-d	4.75	84	202	0.06	ug/L	0.12
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.12%#
26) 1,2-Dichloroethane-d4	5.29	65	122278	55.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.30%
32) Benzene-d6	5.32	84	342230	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.31	67	118339	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.74%
41) Toluene-d8	7.55	98	293709	44.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.83	79	53353	47.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.94%
47) 2-Hexanone-d5	8.30	63	120137	108.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190518	55.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	131023	56.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.48%

Target Compounds

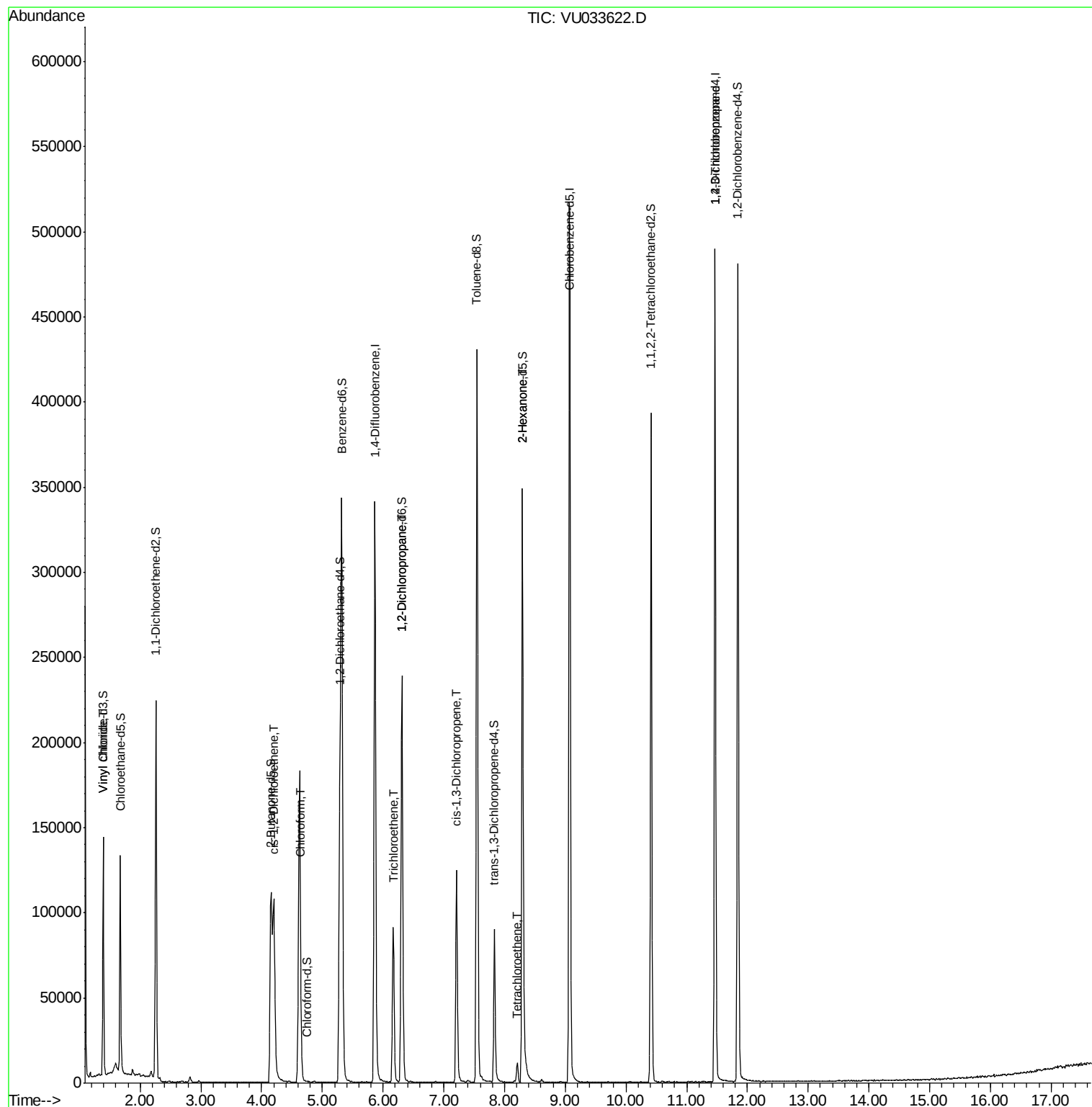
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.40	62	5177	1.783	ug/L #	62
20) cis-1,2-Dichloroethene	4.20	96	52319	23.770	ug/L	96
25) Chloroform	4.65	83	4132	1.065	ug/L	83
34) Trichloroethene	6.17	95	32268	14.576	ug/L	98
37) 1,2-Dichloropropane	6.31	63	12572	5.356	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3125	0.875	ug/L #	66
46) Tetrachloroethene	8.21	164	2940	1.619	ug/L	91
48) 2-Hexanone	8.30	43	13921	5.189	ug/L #	40
59) 1,2,3-Trichloropropane	11.47	75	15651	5.090	ug/L	94

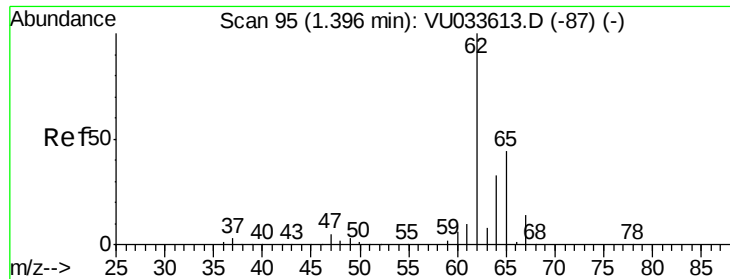
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 08 03:14:38 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.783 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033622.D

Acq: 07 Aug 2019 17:17

Instrument :

MSVOA_U

ClientSampled :

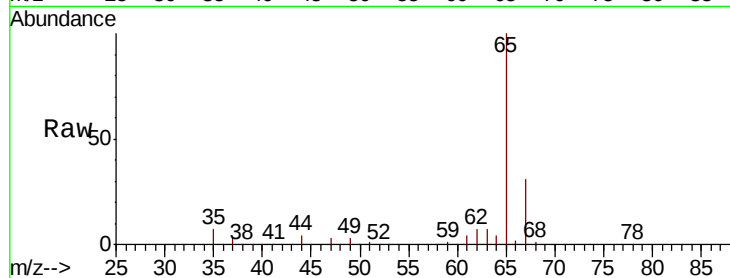
F2B23DL

Tgt Ion: 62 Resp: 5177

Ion Ratio Lower Upper

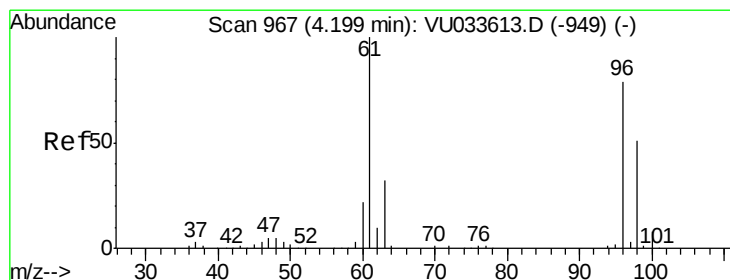
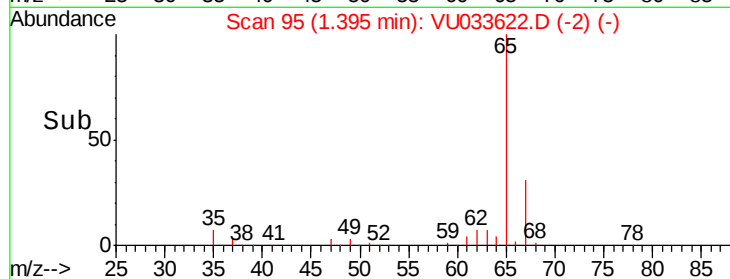
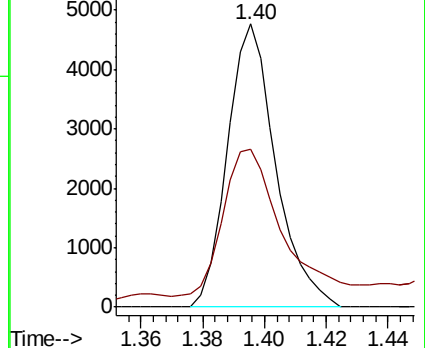
62 100

64 55.7 23.8 44.2#



Abundance Ion 62.00 (61.70 to 62.70): VU033613.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU033613.D (-87) (-)



#20

cis-1,2-Dichloroethene

Concen: 23.770 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU033622.D

Acq: 07 Aug 2019 17:17

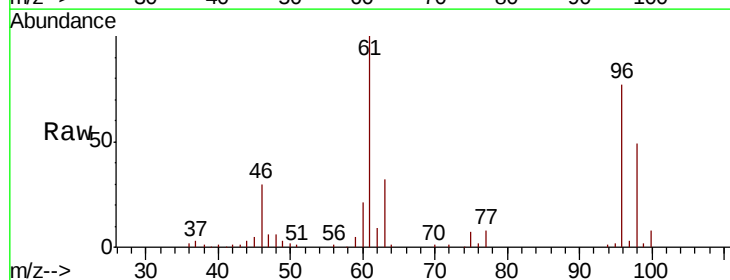
Tgt Ion: 96 Resp: 52319

Ion Ratio Lower Upper

96 100

61 130.1 88.2 163.8

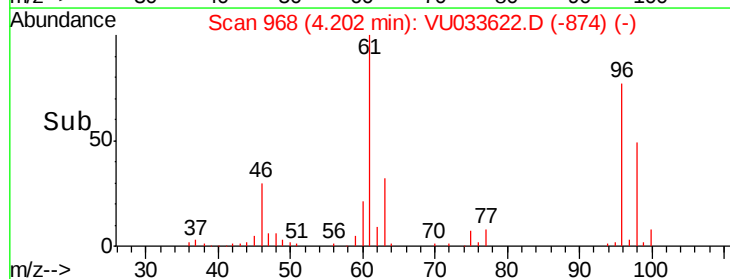
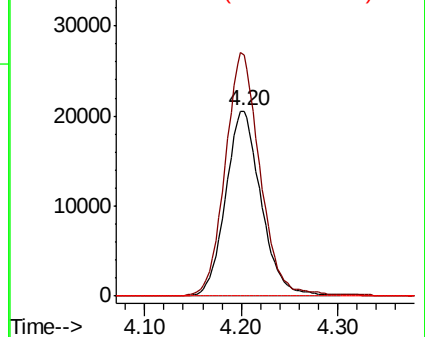
68 0.0 0.0 0.0

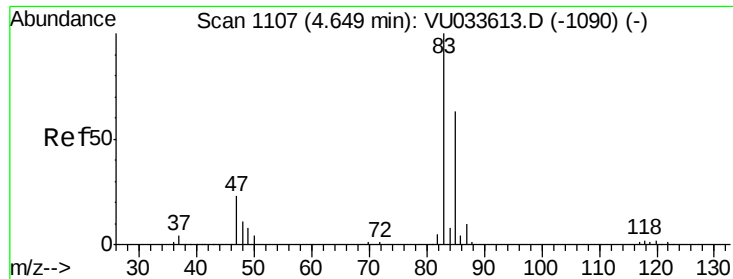


Abundance Ion 96.00 (95.70 to 96.70): VU033613.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033613.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033613.D (-949) (-)

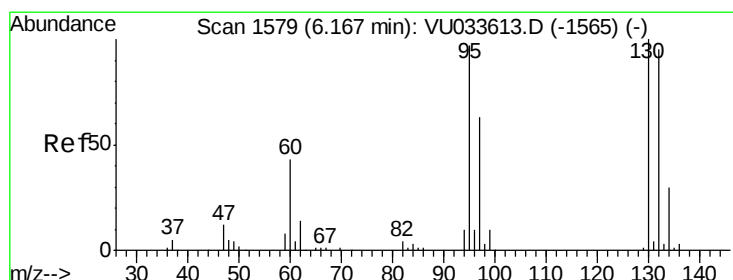
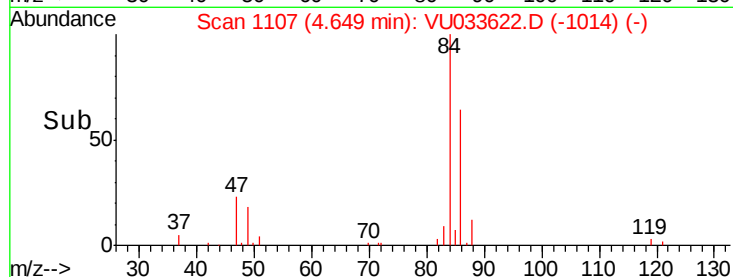
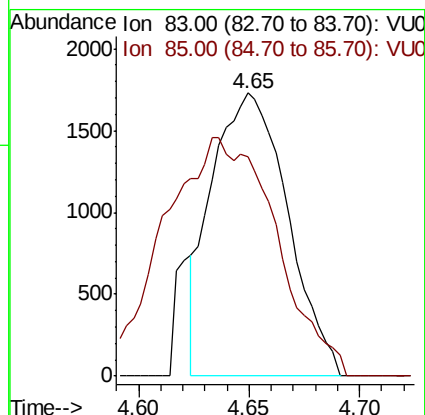
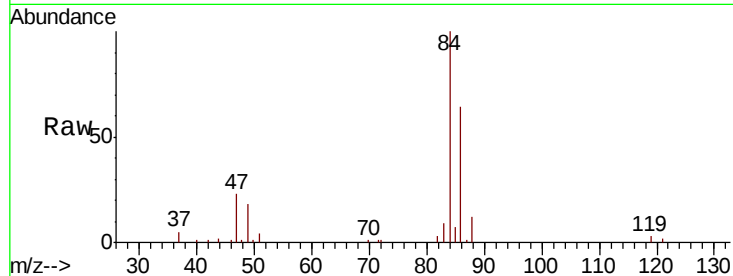




#25
Chloroform
Concen: 1.065 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033622.D
Acq: 07 Aug 2019 17:17

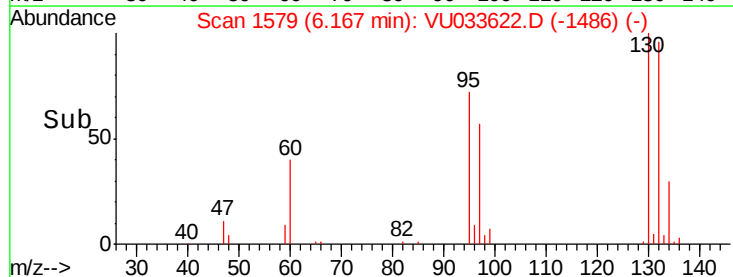
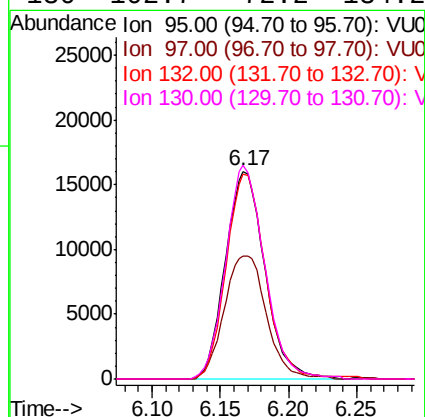
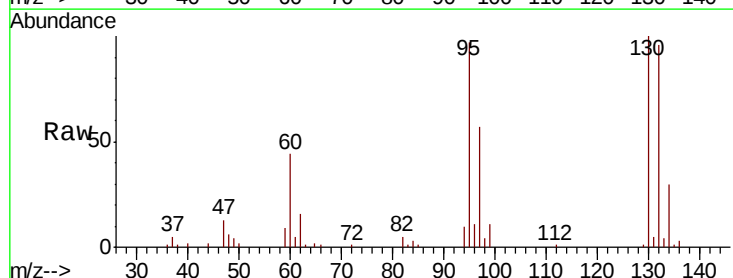
Instrument :
MSVOA_U
ClientSampleId :
F2B23DL

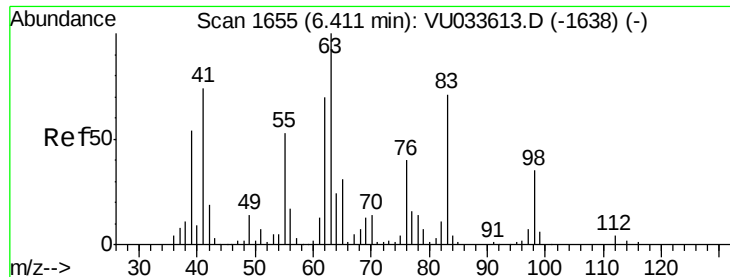
Tgt Ion: 83 Resp: 4132
Ion Ratio Lower Upper
83 100
85 77.7 44.9 83.3



#34
Trichloroethene
Concen: 14.576 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VU033622.D
Acq: 07 Aug 2019 17:17

Tgt Ion: 95 Resp: 32268
Ion Ratio Lower Upper
95 100
97 58.9 43.8 81.4
132 98.5 68.6 127.4
130 102.7 72.2 134.2

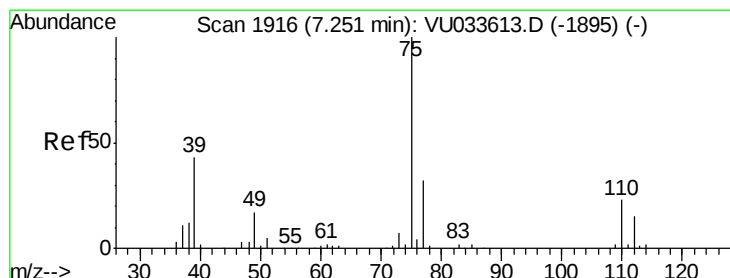
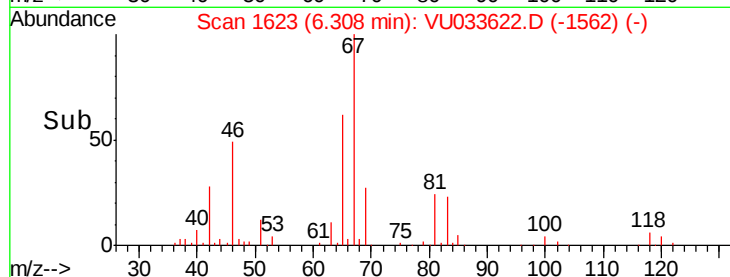
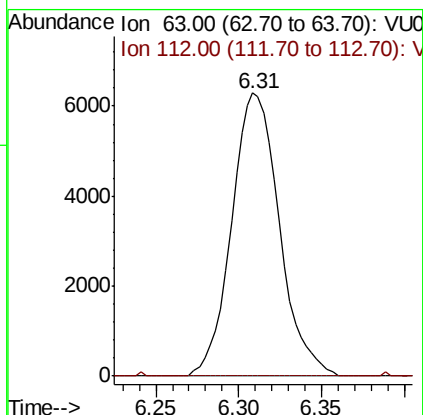
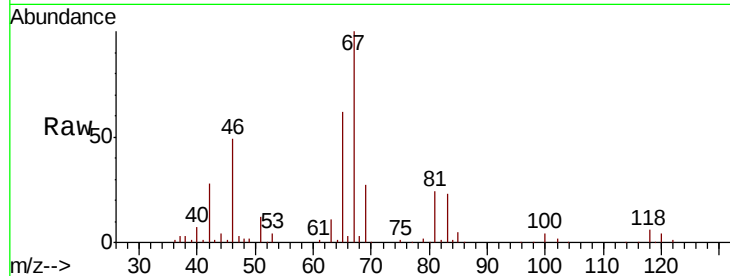




#37
 1,2-Dichloropropane
 Concen: 5.356 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033622.D
 Acq: 07 Aug 2019 17:17

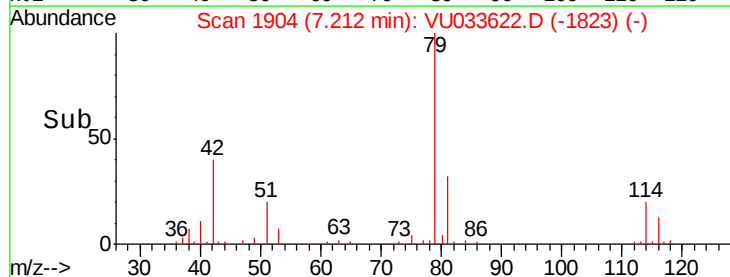
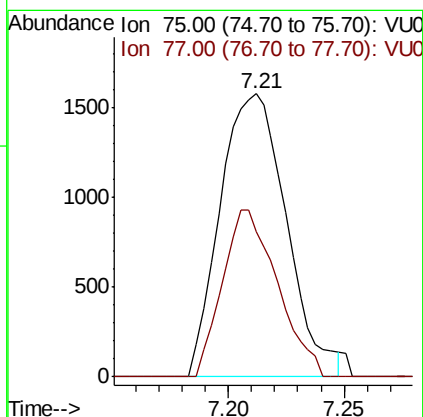
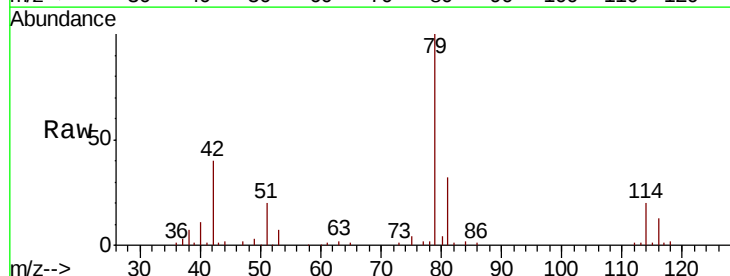
Instrument :
 MSVOA_U
 ClientSampleID :
 F2B23DL

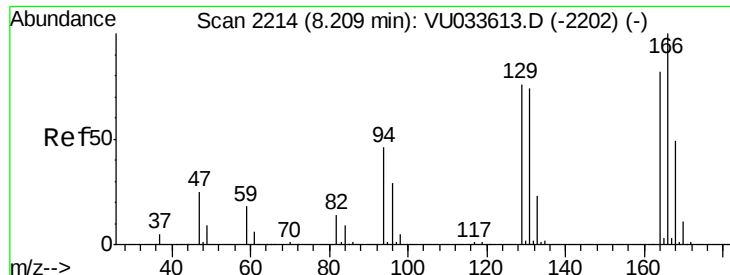
Tgt Ion: 63 Resp: 12572
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.875 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033622.D
 Acq: 07 Aug 2019 17:17

Tgt Ion: 75 Resp: 3125
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.7 42.3#

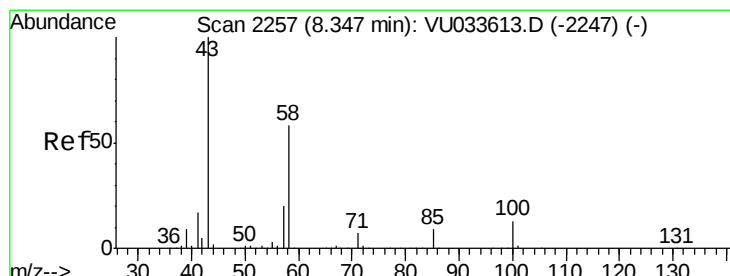
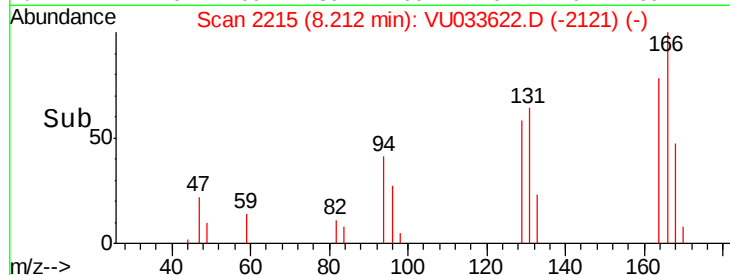
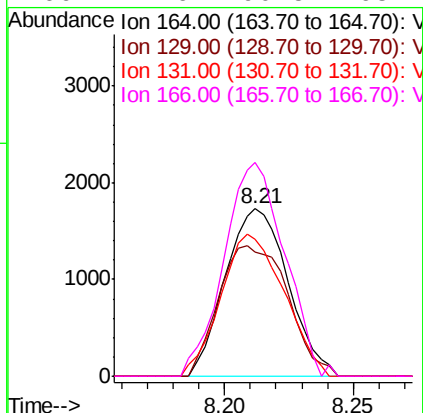
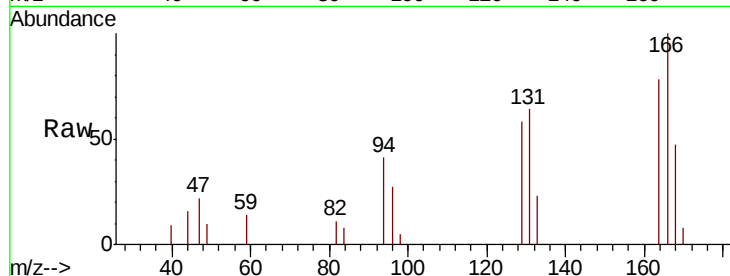




#46
Tetrachloroethene
Concen: 1.619 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033622.D
Acq: 07 Aug 2019 17:17

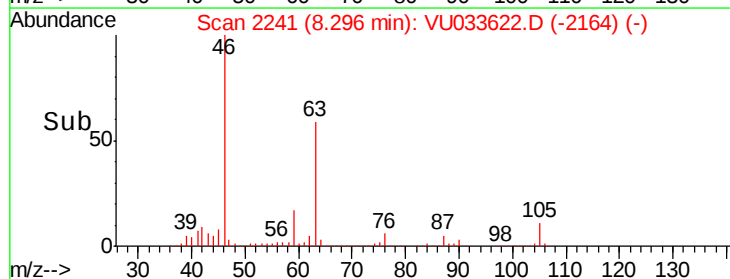
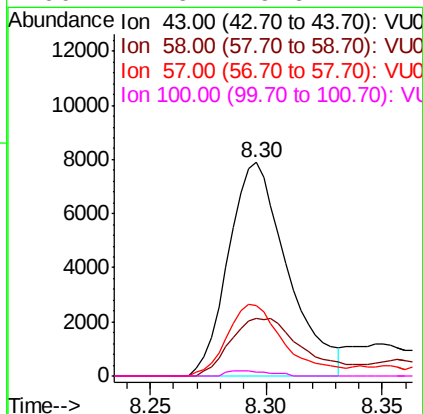
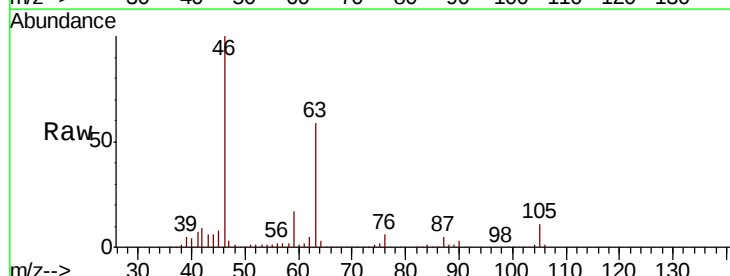
Instrument :
MSVOA_U
ClientSampleId :
F2B23DL

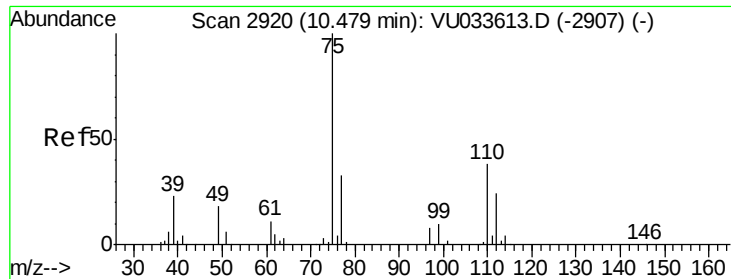
Tgt Ion:	164	Resp:	2940
Ion	Ratio	Lower	Upper
164	100		
129	73.8	64.1	119.1
131	81.9	62.9	116.7
166	127.6	90.5	168.1



#48
2-Hexanone
Concen: 5.189 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033622.D
Acq: 07 Aug 2019 17:17

Tgt Ion:	43	Resp:	13921
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.2	67.8#
57	32.7	15.4	23.2#
100	1.6	9.6	14.4#





#59

1,2,3-Trichloropropane

Concen: 5.090 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033622.D

Acq: 07 Aug 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

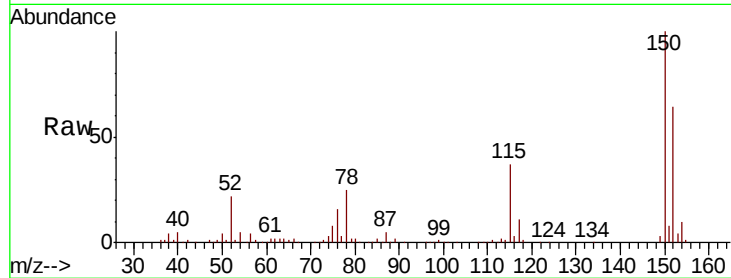
F2B23DL

Tgt Ion: 75 Resp: 15651

Ion Ratio Lower Upper

75 100

77 35.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

