

Data File : VU033924.D
Acq On : 23 Aug 2019 01:00
Operator : JC/SP
Sample : K4485-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B33

Quant Time: Aug 23 03:07:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	563146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	582330	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	238417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220728	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.67	69	186904	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.42%
11) 1,1-Dichloroethene-d2	2.25	63	321638	36.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.20%
21) 2-Butanone-d5	4.15	46	338861	101.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.97%
24) Chloroform-d	4.62	84	382525	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.28	65	264846	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.31	84	800460	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
36) 1,2-Dichloropropane-d6	6.31	67	265605	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.55	98	688026	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	7.83	79	109405	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.29	63	228533	102.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	362937	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	11.84	152	255955	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

Target Compounds

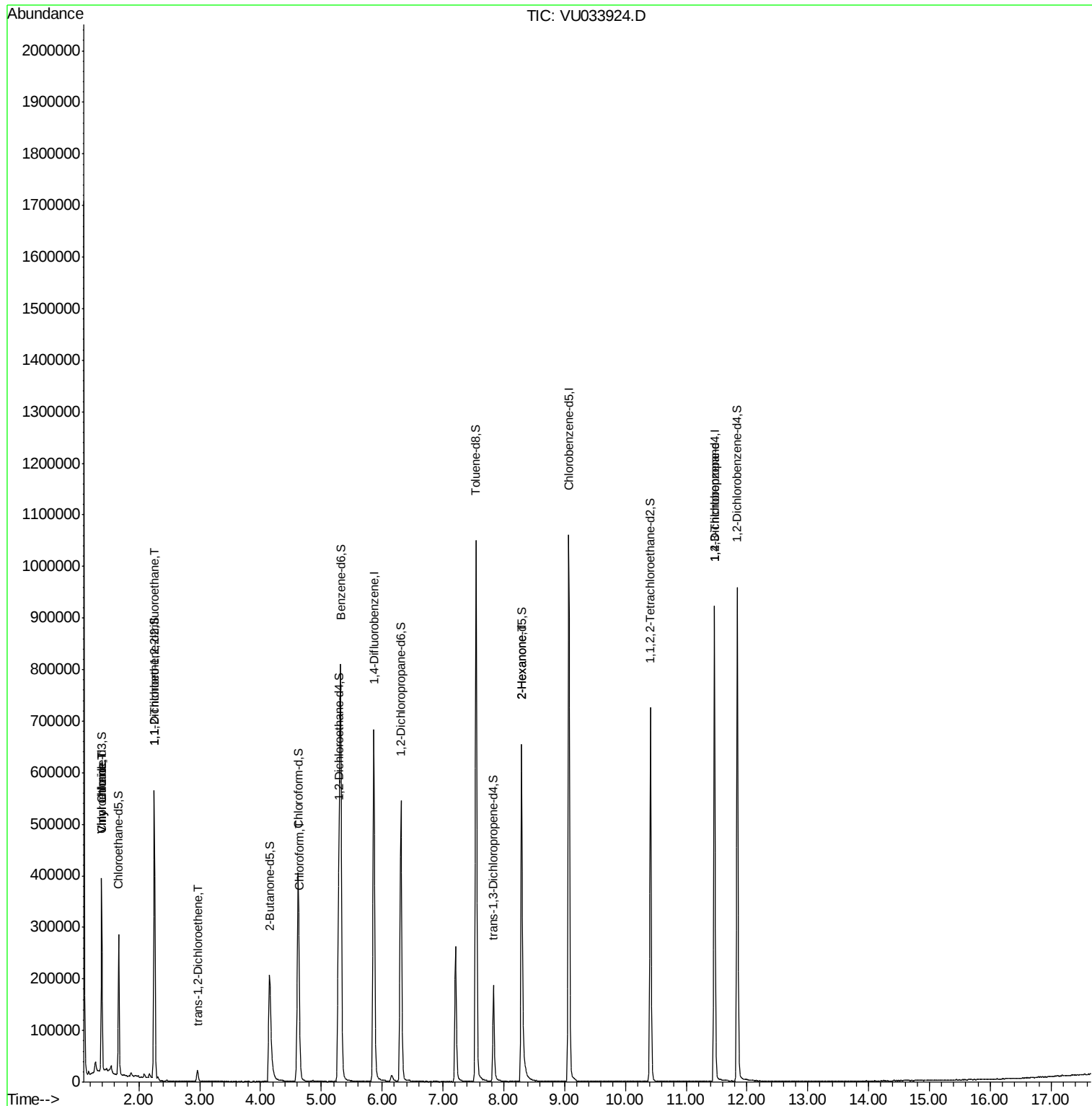
					Qvalue	
5) Vinyl chloride	1.39	62	17383	2.954	ug/L	# 8
8) Chloroethane	1.39	64	10569	2.994	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2996	0.759	ug/L	# 22
17) trans-1,2-Dichloroethene	2.96	96	8342	2.045	ug/L	97
25) Chloroform	4.64	83	6600	0.820	ug/L	89
48) 2-Hexanone	8.29	43	28142	5.253	ug/L	# 71
59) 1,2,3-Trichloropropane	11.47	75	30248	4.913	ug/L	93

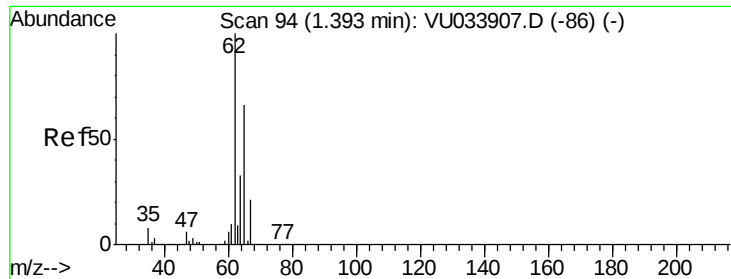
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.954 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033924.D

Acq: 23 Aug 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

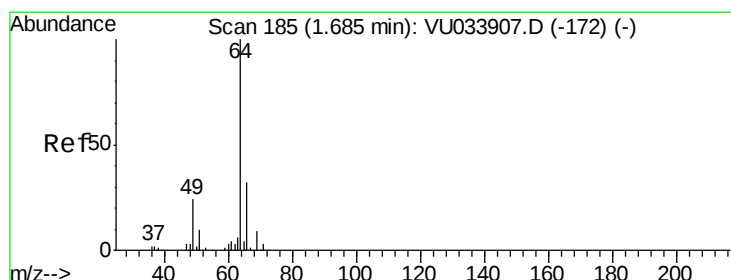
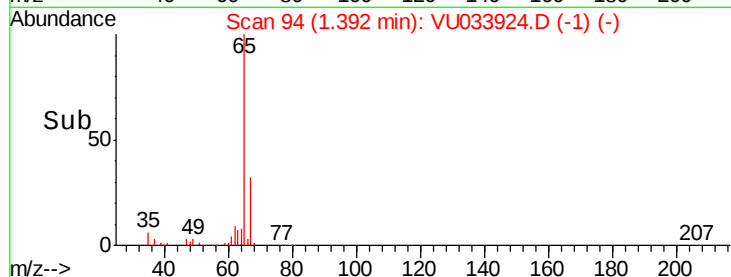
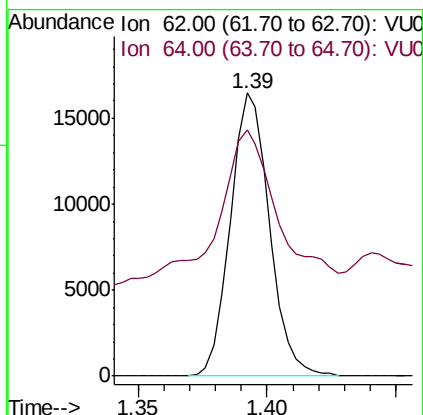
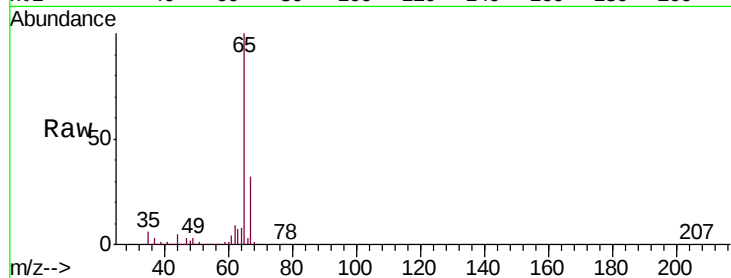
F2B33

Tgt Ion: 62 Resp: 17383

Ion Ratio Lower Upper

62 100

64 86.8 23.7 44.1#



#8

Chloroethane

Concen: 2.994 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.29 min

Lab File: VU033924.D

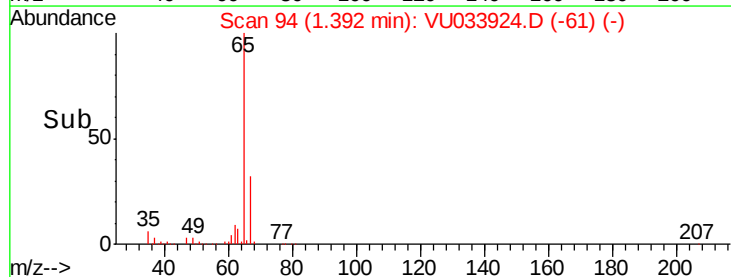
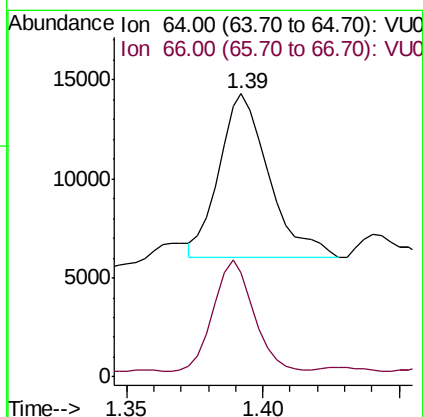
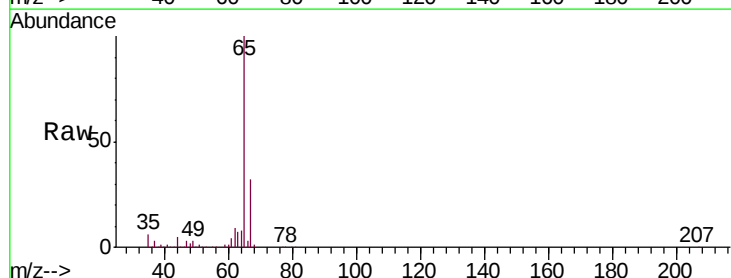
Acq: 23 Aug 2019 01:00

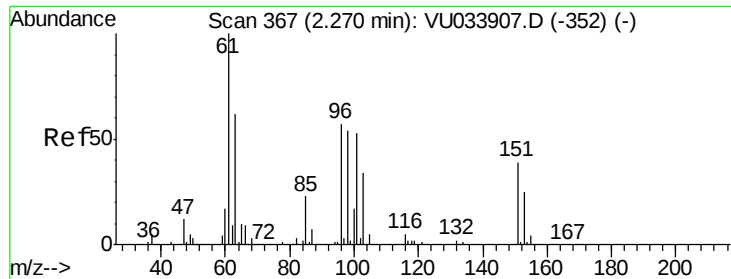
Tgt Ion: 64 Resp: 10569

Ion Ratio Lower Upper

64 100

66 36.8 22.3 41.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.759 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033924.D

Acq: 23 Aug 2019 01:00

Instrument :

MSVOA_U

ClientSampled :

F2B33

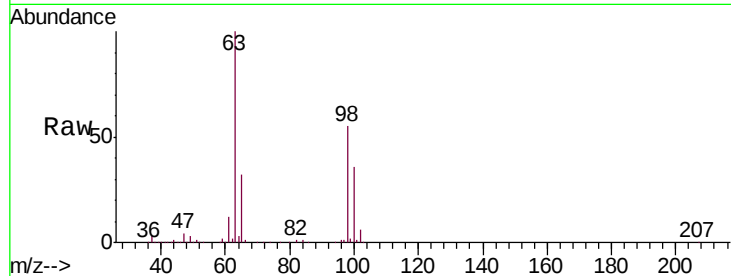
Tgt Ion: 101 Resp: 2996

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

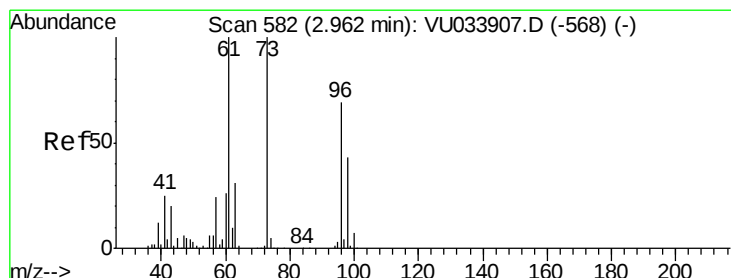
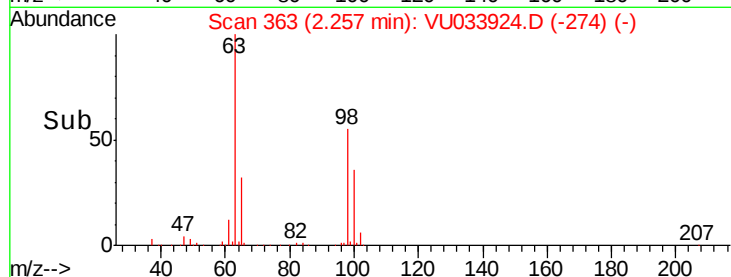
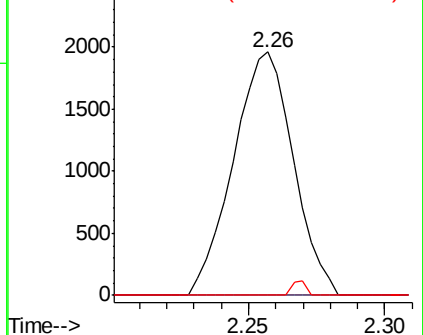
151 1.5 57.8 86.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#17

trans-1,2-Dichloroethene

Concen: 2.045 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU033924.D

Acq: 23 Aug 2019 01:00

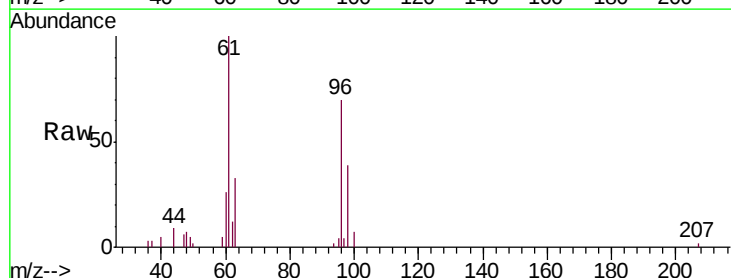
Tgt Ion: 96 Resp: 8342

Ion Ratio Lower Upper

96 100

61 143.5 101.2 187.8

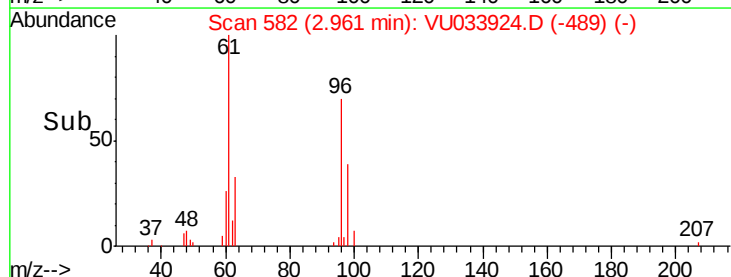
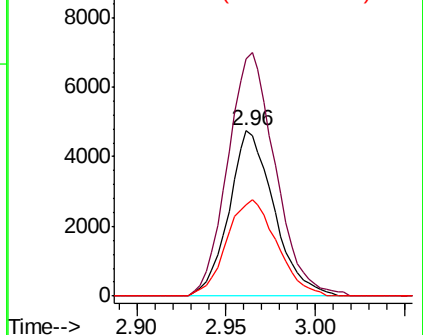
98 55.6 44.0 81.6

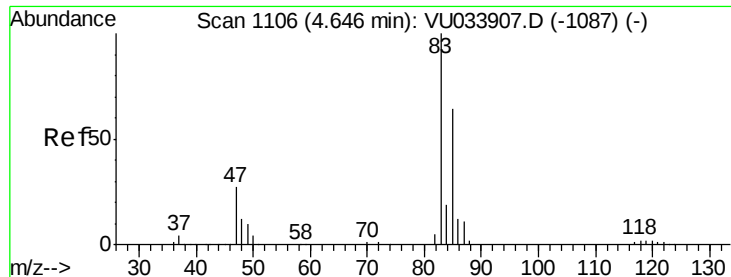


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#25

Chloroform

Concen: 0.820 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU033924.D

Acq: 23 Aug 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

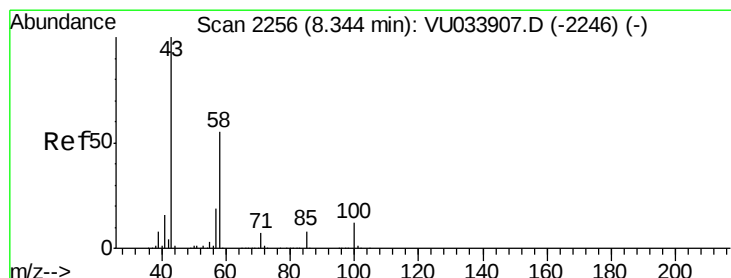
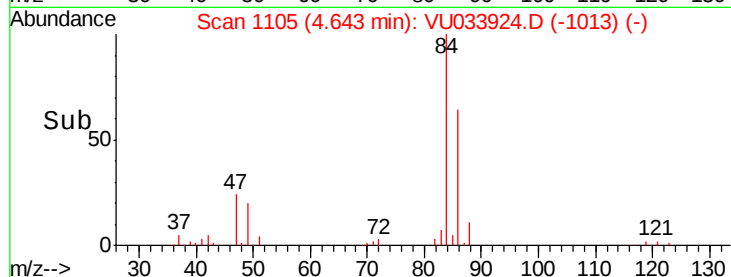
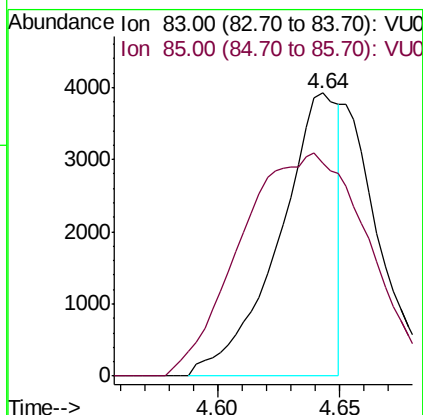
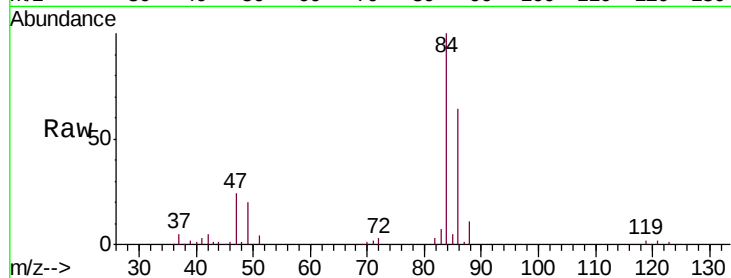
F2B33

Tgt Ion: 83 Resp: 6600

Ion Ratio Lower Upper

83 100

85 75.1 46.2 85.8



#48

2-Hexanone

Concen: 5.253 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU033924.D

Acq: 23 Aug 2019 01:00

Tgt Ion: 43 Resp: 28142

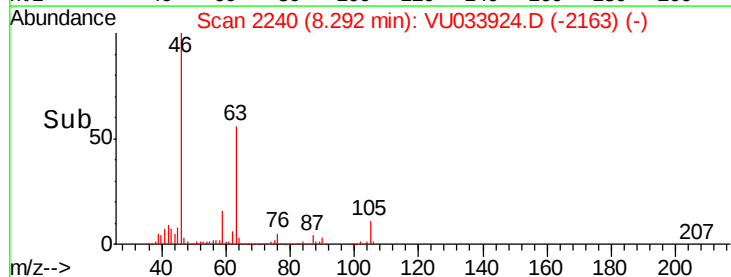
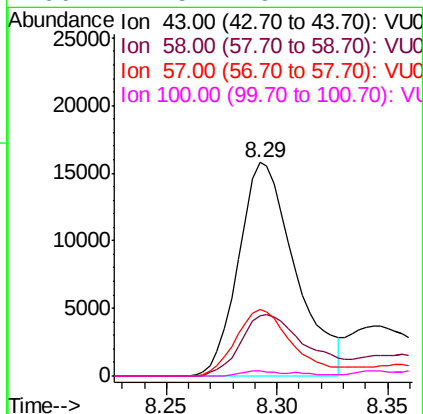
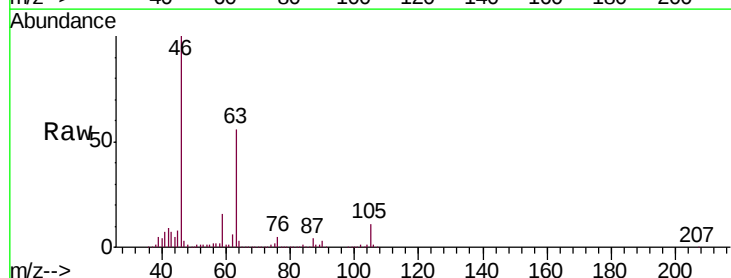
Ion Ratio Lower Upper

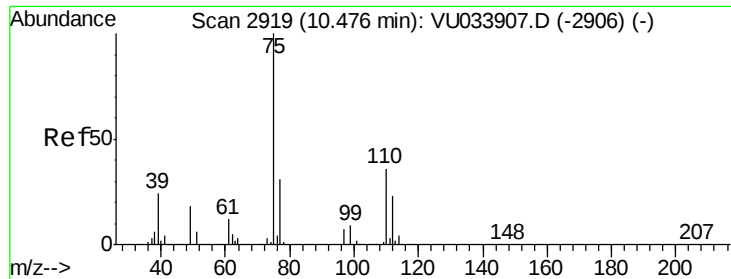
43 100

58 33.4 44.3 66.5#

57 30.9 15.3 22.9#

100 1.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.913 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033924.D

Acq: 23 Aug 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

F2B33

Tgt Ion: 75 Resp: 30248

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8

