

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032347.D
 Acq On : 29 May 2019 09:32
 Operator : JC/SP
 Sample : VU0529WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 30 05:37:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	356153	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	353209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147212	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75075	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.68	69	79765	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.27	63	123743	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.21	46	297959	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.64	84	227757	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	123495	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.33	84	428248	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.33	67	151661	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.56	98	388081	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.85	79	52975	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.31	63	224397	47.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	150996	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	187917	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

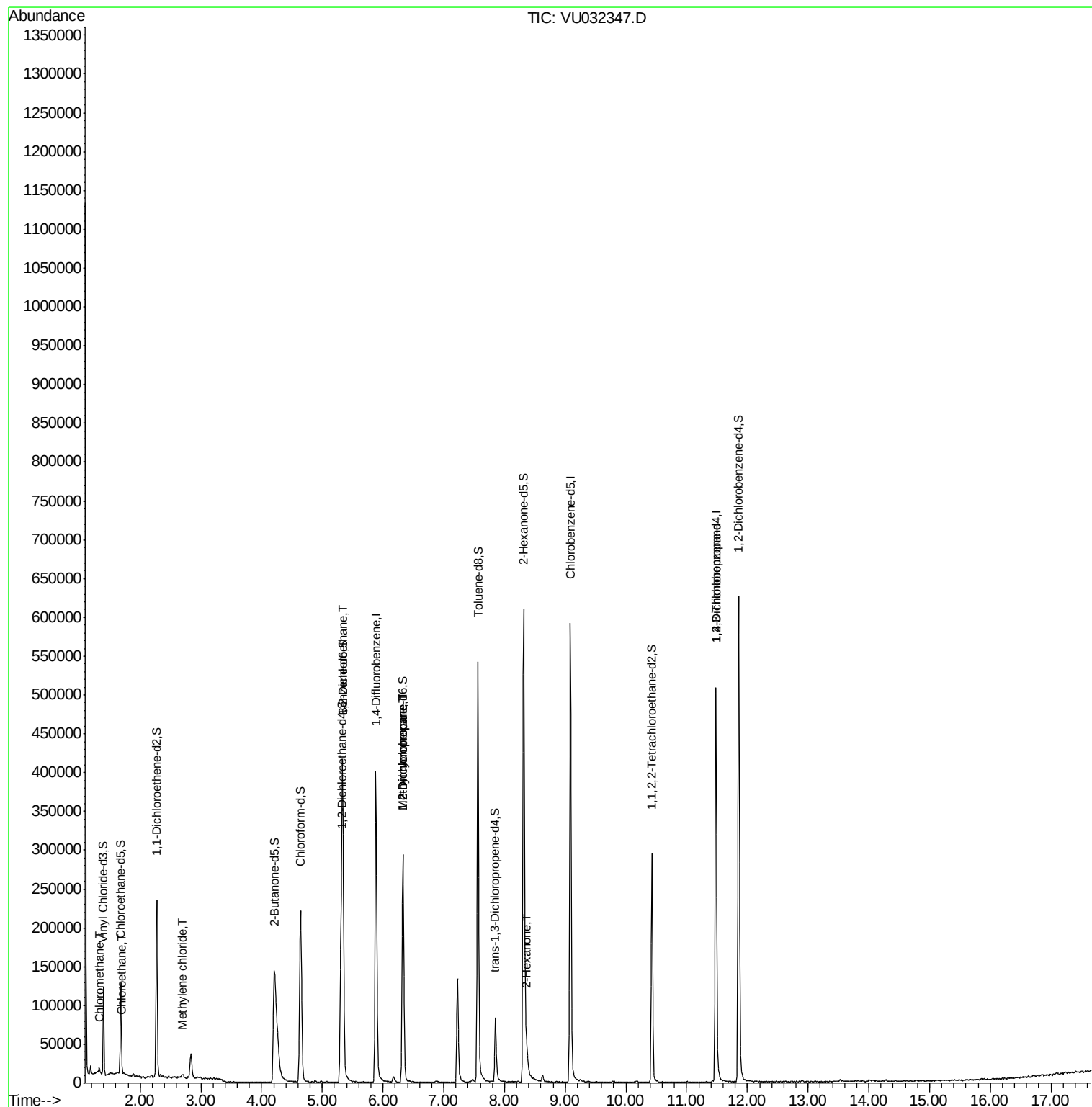
Target Compounds

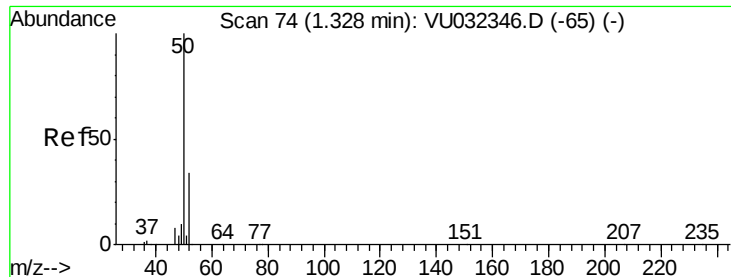
					Qvalue
3) Chloromethane	1.32	50	4766	0.312 ug/L	94
8) Chloroethane	1.71	64	867	0.089 ug/L #	50
16) Methylene chloride	2.69	84	2333	0.138 ug/L	91
27) 1,2-Dichloroethane	5.32	62	2371	0.180 ug/L #	73
35) Methylcyclohexane	6.32	83	37409	1.981 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	15151	1.317 ug/L #	87
48) 2-Hexanone	8.37	43	12030	2.697 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	16810	2.244 ug/L	91

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

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QLast Update : Thu May 30 05:34:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.312 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032347.D

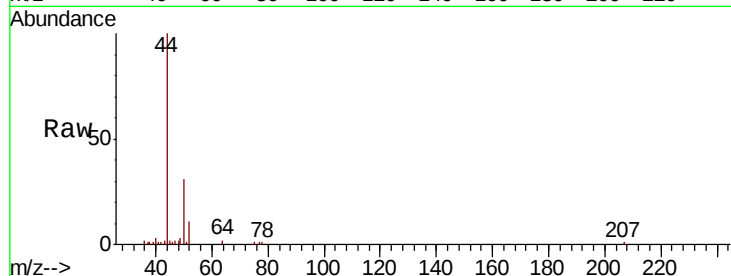
Acq: 29 May 2019 09:32

Tgt Ion: 50 Resp: 4766

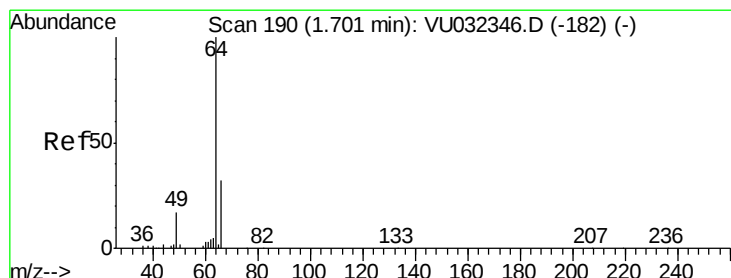
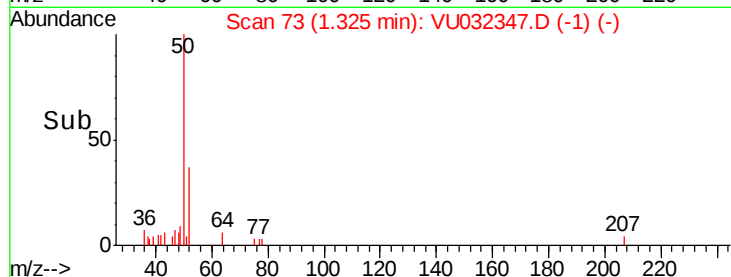
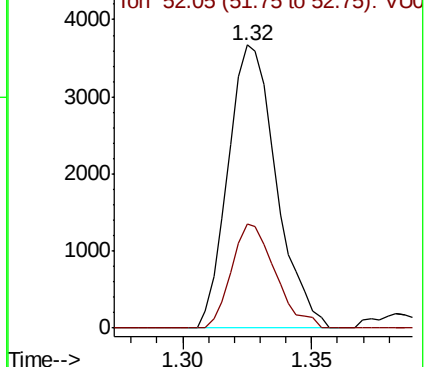
Ion Ratio Lower Upper

50 100

52 36.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032346.D (-65) (-)



#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.71 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU032347.D

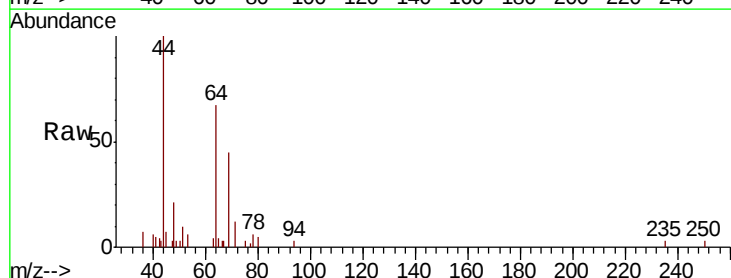
Acq: 29 May 2019 09:32

Tgt Ion: 64 Resp: 867

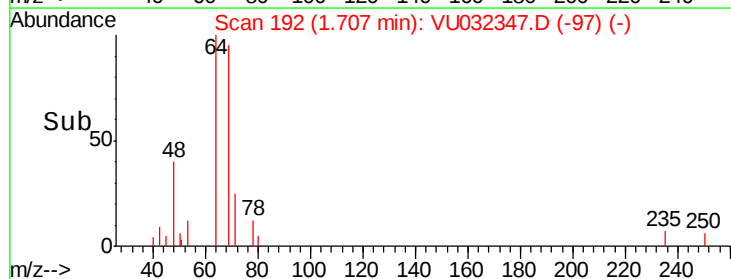
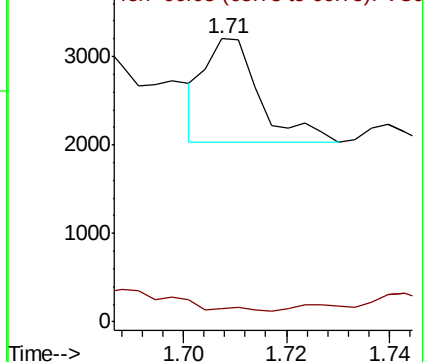
Ion Ratio Lower Upper

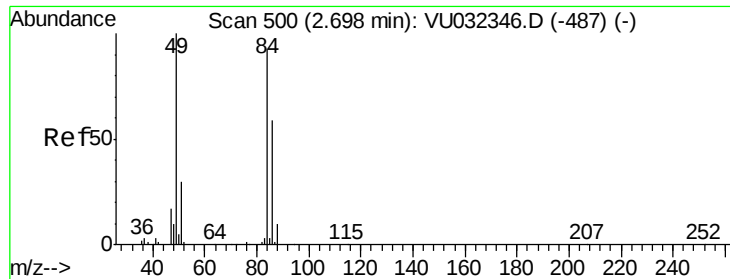
64 100

66 4.6 23.1 42.9#



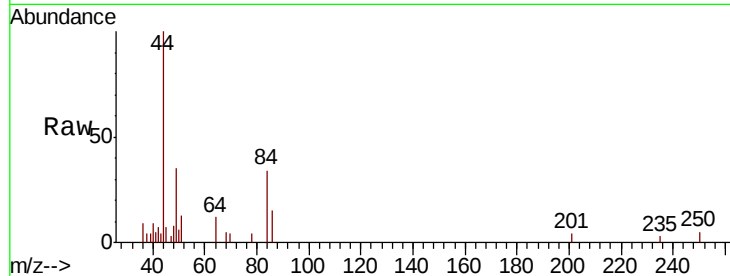
Abundance Ion 64.10 (63.80 to 64.80): VU032346.D (-182) (-)



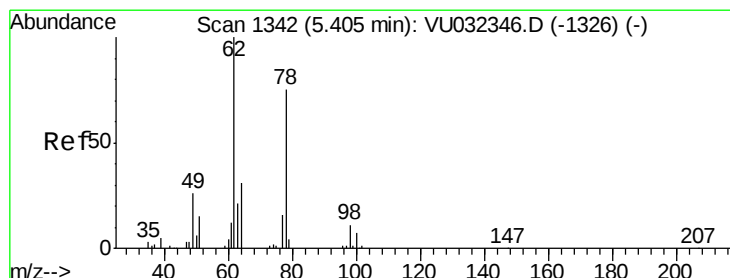
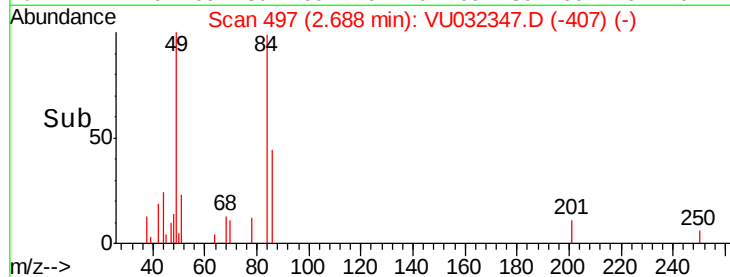
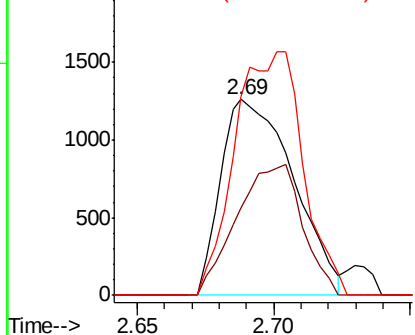


#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU032347.D
Acq: 29 May 2019 09:32

Tgt Ion: 84 Resp: 2333
Ion Ratio Lower Upper
84 100
86 44.6 43.6 81.0
49 101.3 71.1 132.1

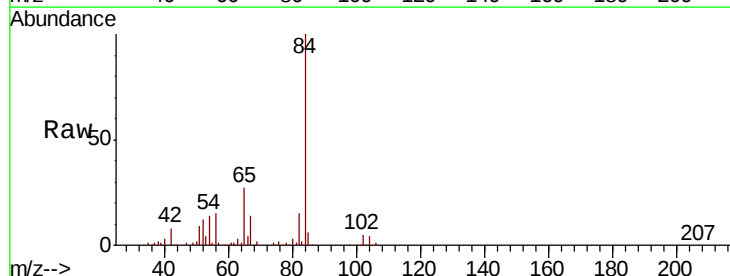


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

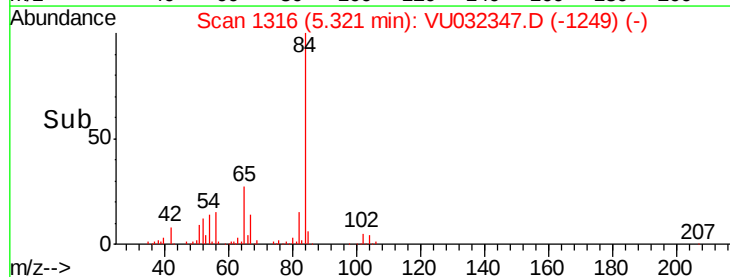
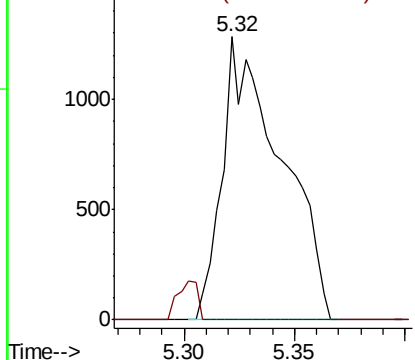


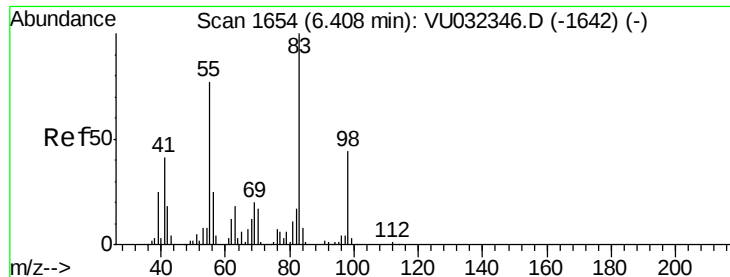
#27
1,2-Dichloroethane
Concen: 0.180 ug/L
RT: 5.32 min Scan# 1316
Delta R.T. -0.08 min
Lab File: VU032347.D
Acq: 29 May 2019 09:32

Tgt Ion: 62 Resp: 2371
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



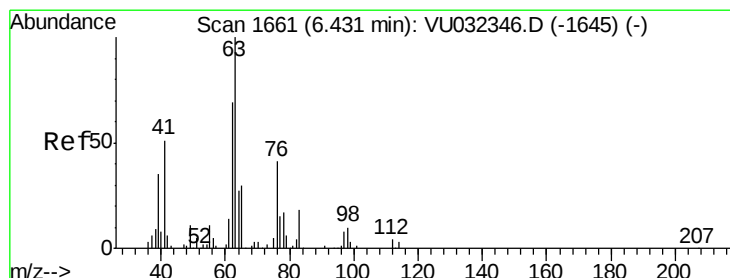
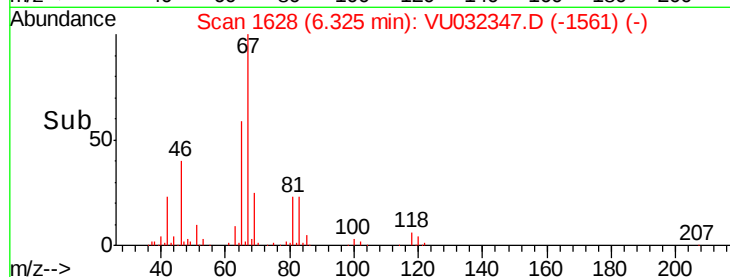
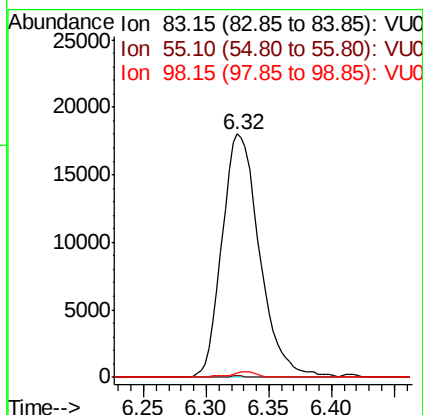
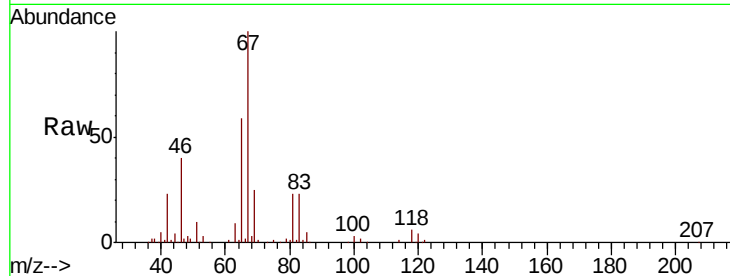
Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





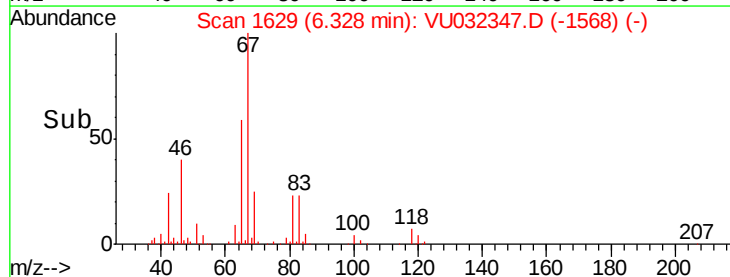
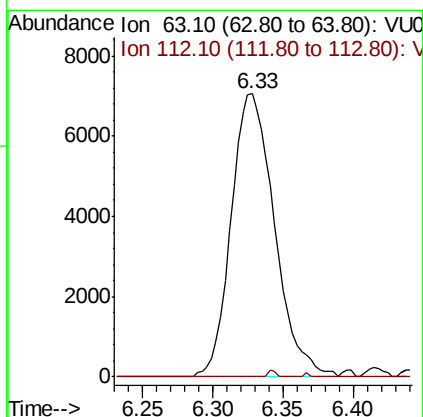
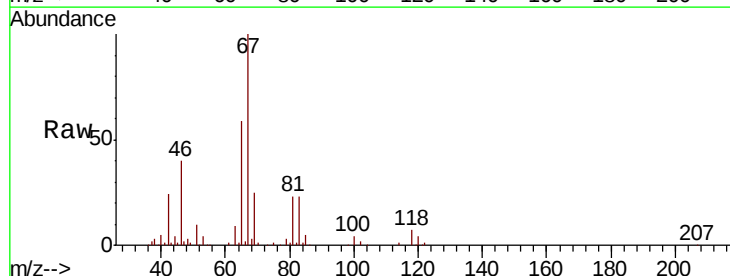
#35
Methylcyclohexane
Concen: 1.981 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032347.D
Acq: 29 May 2019 09:32

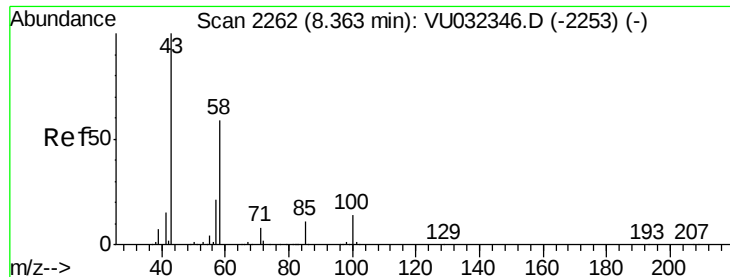
Tgt Ion: 83 Resp: 37409
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.317 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032347.D
Acq: 29 May 2019 09:32

Tgt Ion: 63 Resp: 15151
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#





#48

2-Hexanone

Concen: 2.697 ug/L

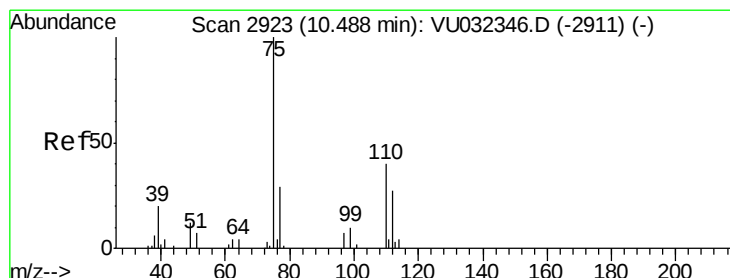
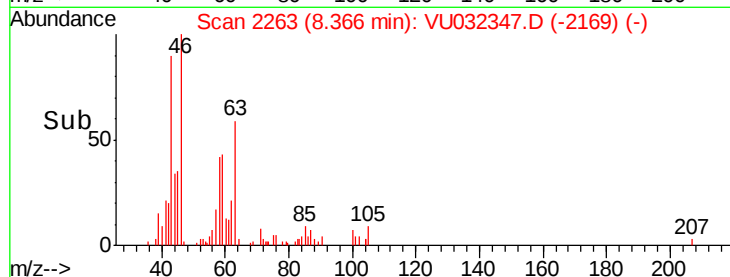
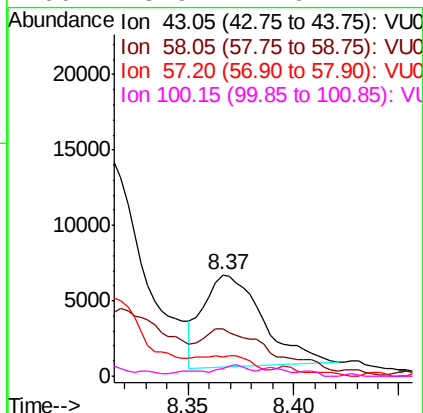
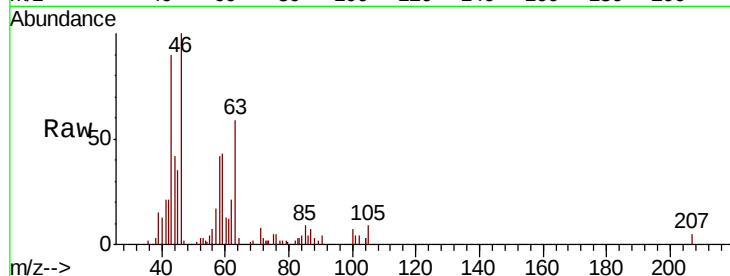
RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU032347.D

Acq: 29 May 2019 09:32

Tgt Ion:	43	Resp:	12030
Ion	Ratio	Lower	Upper
43	100		
58	54.4	49.7	74.5
57	0.0	17.1	25.7#
100	5.9	11.6	17.4#



#59

1,2,3-Trichloropropane

Concen: 2.244 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032347.D

Acq: 29 May 2019 09:32

Tgt Ion:	75	Resp:	16810
Ion	Ratio	Lower	Upper
75	100		
77	30.1	28.2	42.4

