

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030942.D
 Acq On : 09 Apr 2019 07:51
 Operator : JC/SP
 Sample : K2286-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE2

Quant Time: Apr 09 08:33:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 08:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	223900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229797	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90587	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.68	69	80631	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.27	63	143894	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.19	46	282671	64.11	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.22%
24) Chloroform-d	4.64	84	155289	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.31	65	95076	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.40%
32) Benzene-d6	5.33	84	312489	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.33	67	109156	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	242390	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	34413	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.31	63	178555	54.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90727	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	87037	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

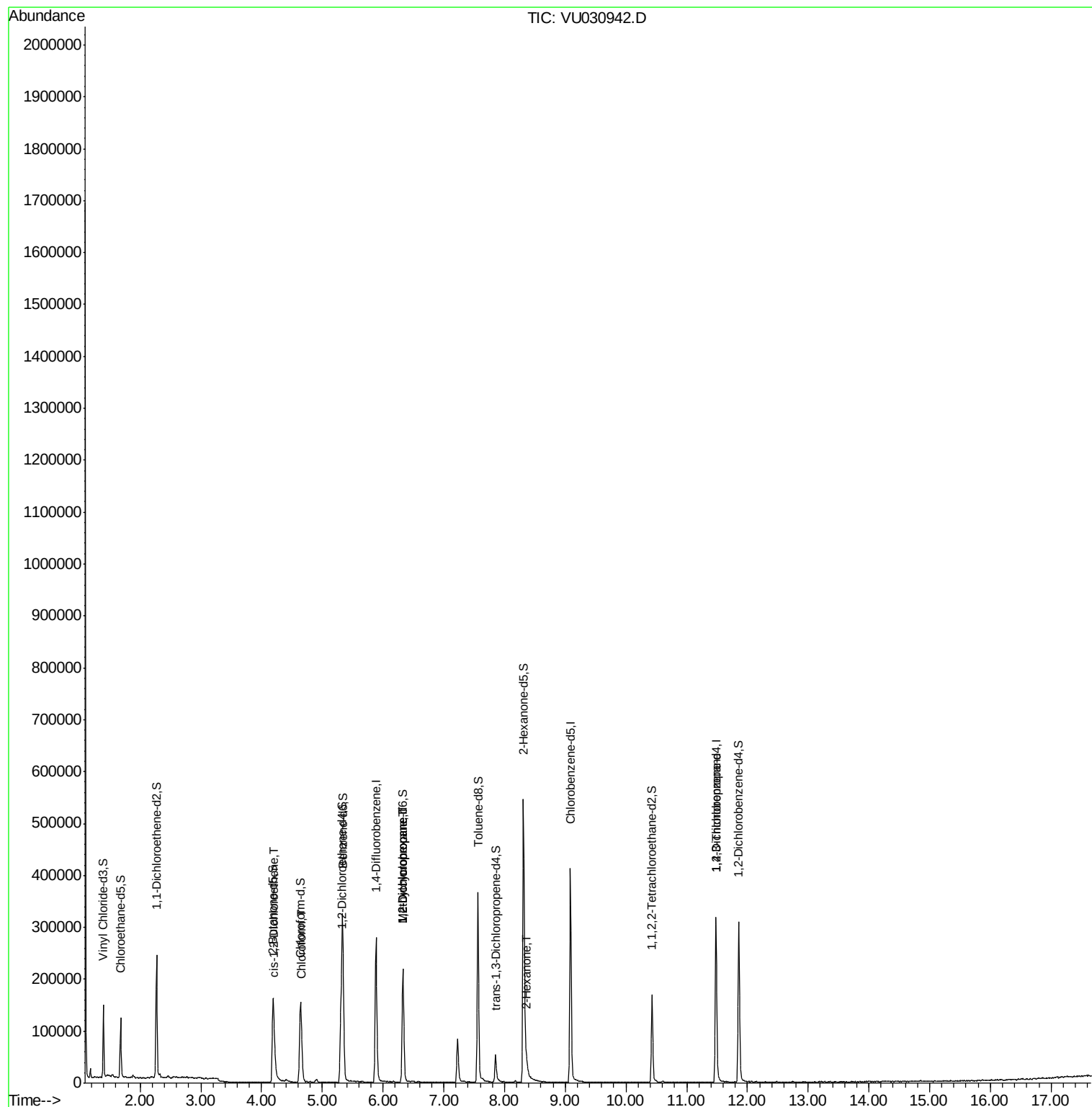
					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	2726	0.148 ug/L	81
25) Chloroform	4.67	83	15387	0.463 ug/L	80
35) Methylcyclohexane	6.33	83	25171	0.811 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	11917	0.557 ug/L #	90
48) 2-Hexanone	8.37	43	12869	1.392 ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	11887	0.994 ug/L	97

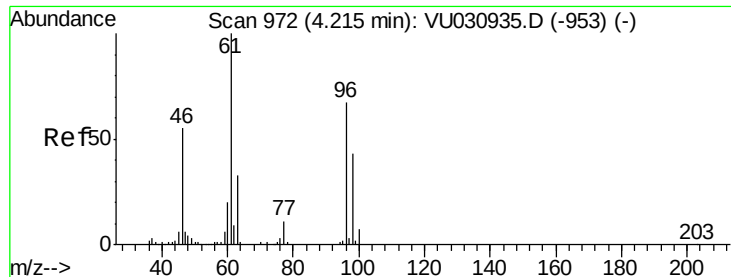
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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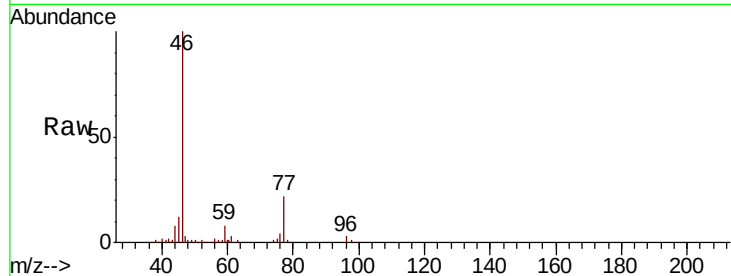


#22

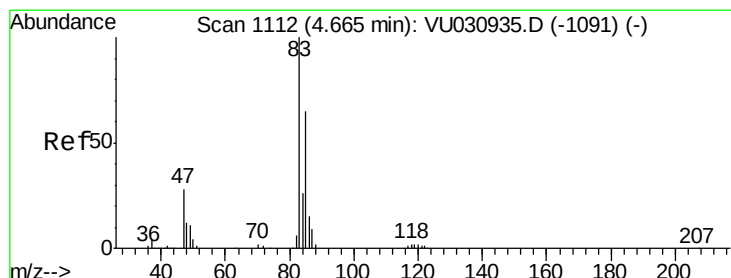
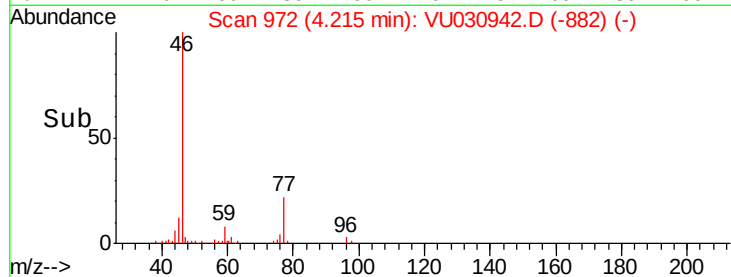
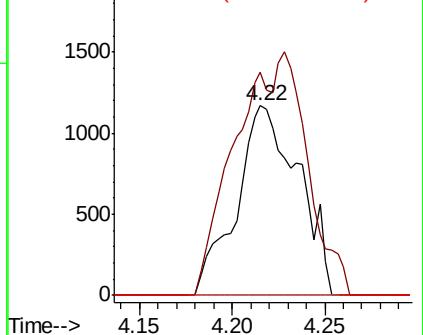
cis-1,2-Dichloroethene
 Concen: 0.148 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: VU030942.D
 Acq: 09 Apr 2019 07:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE2

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.1	98.9	183.7
68	0.0	0.0	0.0



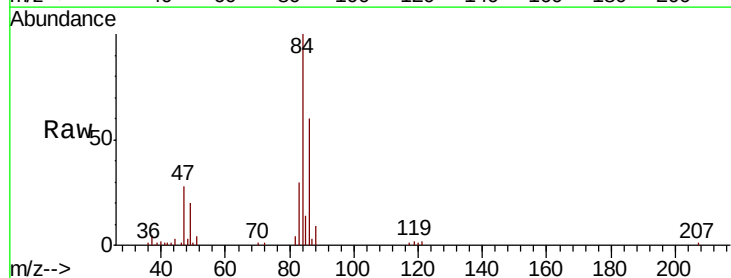
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



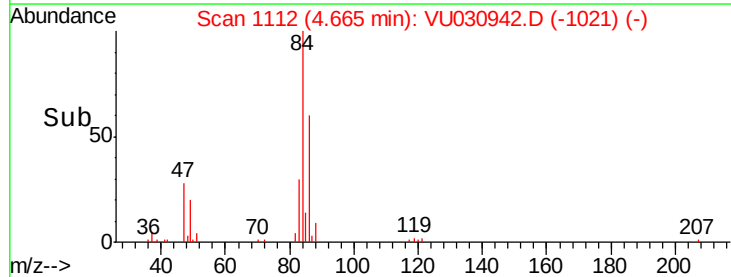
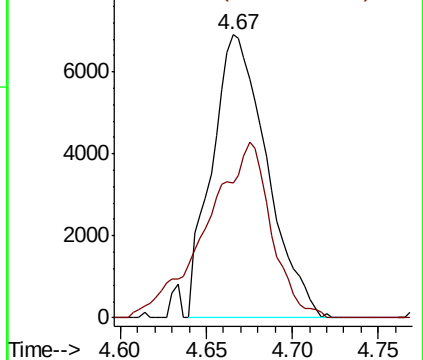
#25

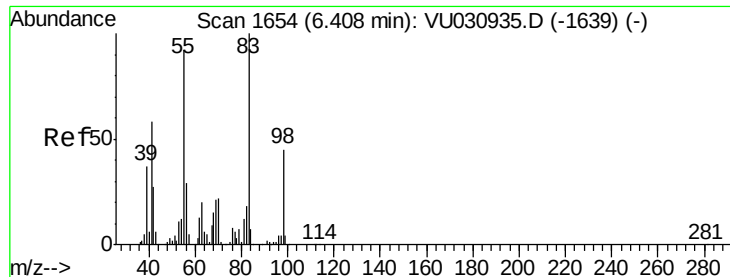
Chloroform
 Concen: 0.463 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VU030942.D
 Acq: 09 Apr 2019 07:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	47.6	44.2	82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

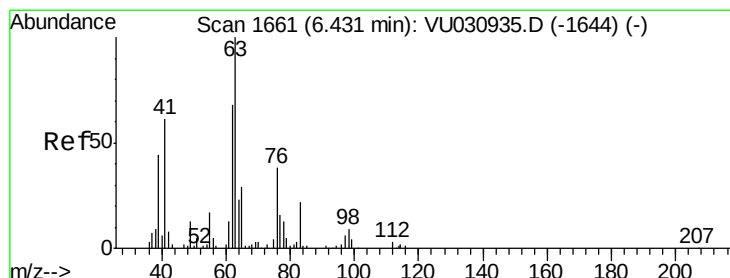
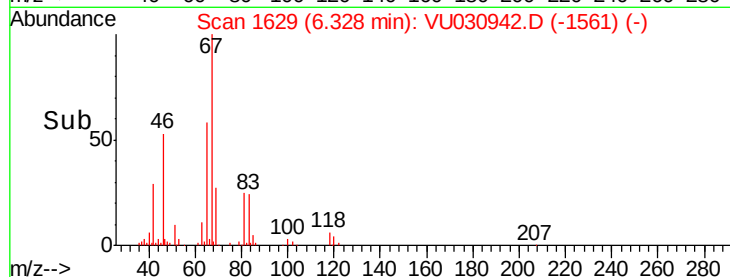
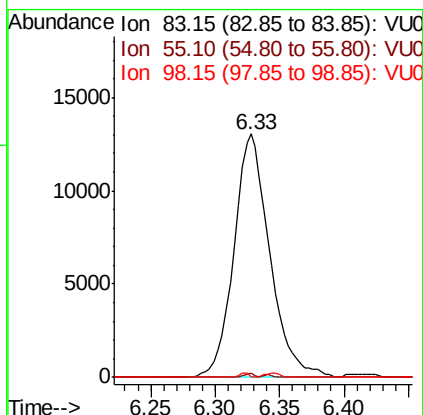
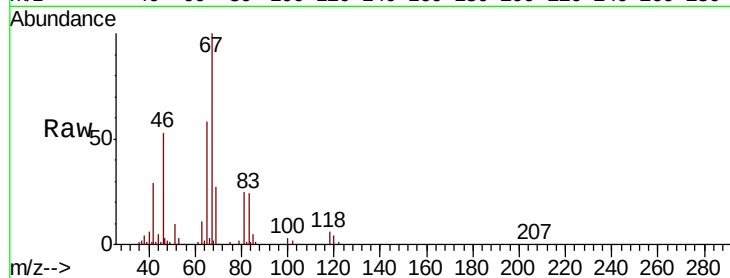




#35
Methylvlcyclohexane
Concen: 0.811 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030942.D
Acq: 09 Apr 2019 07:51

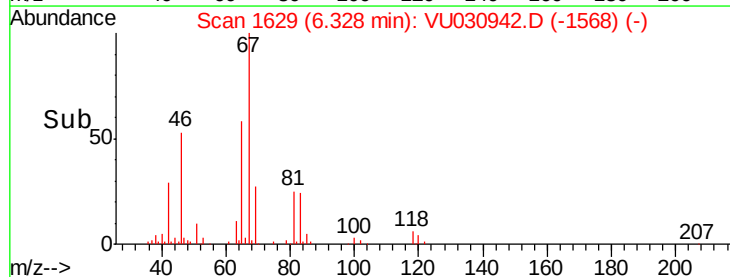
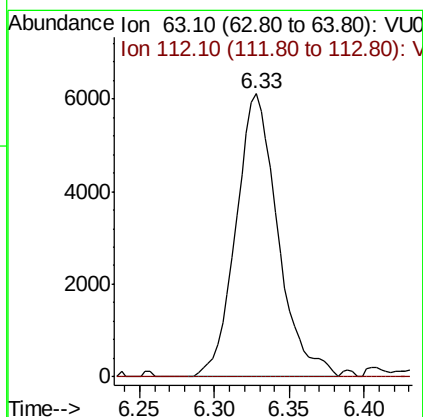
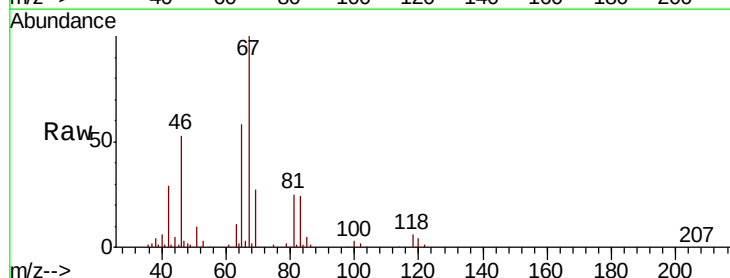
Instrument :
MSVOA_U
ClientSampleId :
BEZE2

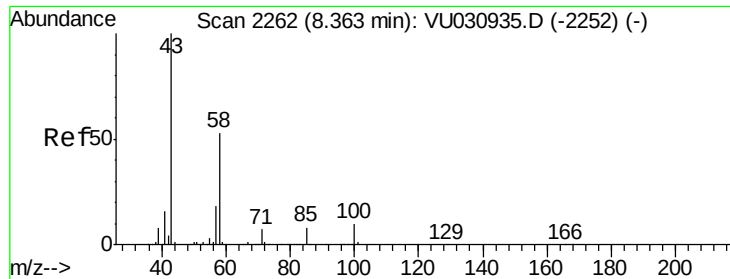
Tot Ion: 83 Resp: 25171
Ion Ratio Lower Upper
83 100
55 0.5 72.6 108.8#
98 0.4 35.0 52.6#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU030942.D
Acq: 09 Apr 2019 07:51

Tgt Ion: 63 Resp: 11917
Ion Ratio Lower Upper
63 100
112 0.2 2.8 4.2#

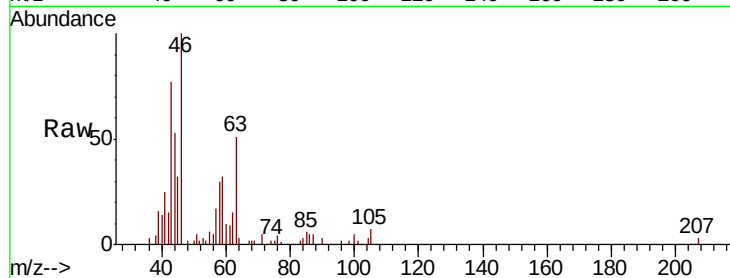




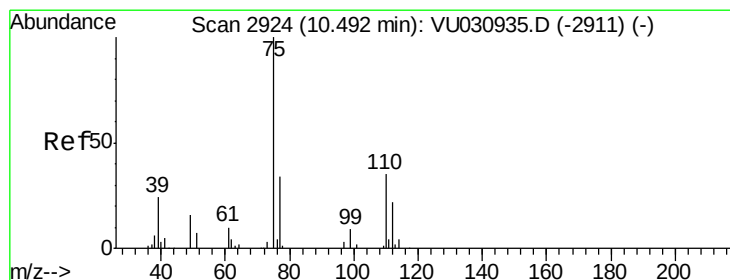
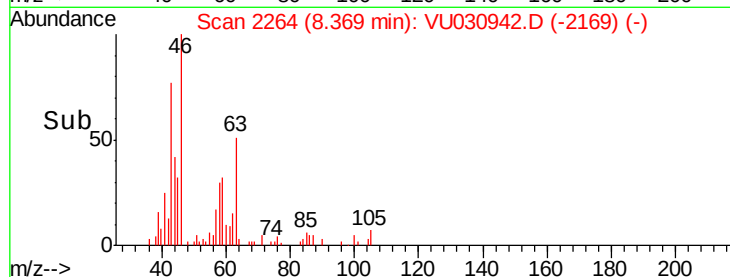
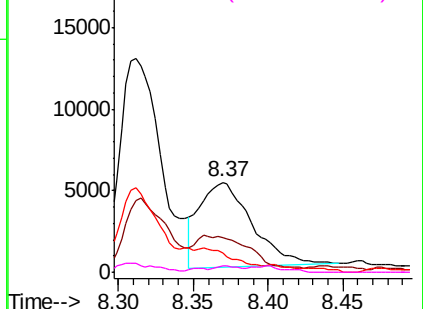
#48
2-Hexanone
Concen: 1.392 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030942.D
Acq: 09 Apr 2019 07:51

Instrument :
MSVOA_U
ClientSampleId :
BEZE2

Tot Ion: 43 Resp: 12869
Ion Ratio Lower Upper
43 100
58 0.0 42.5 63.7#
57 0.0 13.9 20.9#
100 3.4 7.1 10.7#

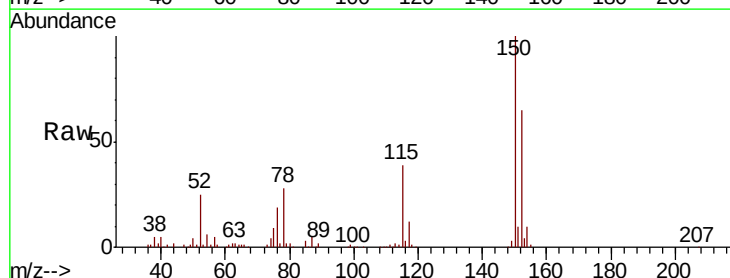


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.994 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030942.D
Acq: 09 Apr 2019 07:51

Tgt Ion: 75 Resp: 11887
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

