LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.369	3	9	21	rVB	113835	108907	3.48%	0.587%
2	1.610	72	84	96	rBV2	132629	193531	6.18%	1.043%
3	1.703	103	113	170	rBV	1183407	1990897	63.53%	10.733%
4	1.932	176	184	198	rVB	94598	123411	3.94%	0.665%
5	2.591	371	389	399	rBV2	215052	518290	16.54%	2.794%
6	2.668	399	413	457	rVB	1083596	3133950	100.00%	16.896%
7	3.260	574	597	601	rBV4	24362	72711	2.32%	0.392%
8	4.488	961	979	1020	rBV	221515	606373	19.35%	3.269%
9	4.671	1021	1036	1047	rVV	134005	353103	11.27%	1.904%
10	4.748	1047	1060	1102	rVB	537718	1534419	48.96%	8.272%
11	5.102	1150	1170	1187	rBV	151530	337447	10.77%	1.819%
12	5.761	1353	1375	1402	rBV2	299166	775096	24.73%	4.179%
13	6.279	1517	1536	1551	rVB	326998	659911	21.06%	3.558%
14	6.723	1661	1674	1687	rBV	185401	362508	11.57%	1.954%
15	6.800	1687	1698	1714	rVB	188227	366760	11.70%	1.977%
16	6.909	1719	1732	1739	rVV	216312	409177	13.06%	2.206%
17	6.951	1740	1745	1772	rVB2	114475	212113	6.77%	1.144%
18	7.591	1932	1944	1968	rVB2	96327	172840	5.52%	0.932%
19	7.922	2033	2047	2064	rBV	352598	614028	19.59%	3.310%
20	8.057	2078	2089	2100	rBV2	30469	58335	1.86%	0.314%
21	8.202	2119	2134	2144	rBV	71487	127265	4.06%	0.686%
22	8.253	2144	2150	2166	rVB5	17326	33971	1.08%	0.183%
23	8.571	2239	2249	2263	rVB	89885	147996	4.72%	0.798%
24	8.658	2263	2276	2284	rVV	471448	841268	26.84%	4.535%
25	8.706	2284	2291	2311	rVV	480732	843508	26.92%	4.548%
26	8.809	2311	2323	2347	rVB	297872	511639	16.33%	2.758%
27	9.436	2505	2518	2540	rBV	470792	813271	25.95%	4.385%
28	10.147	2728	2739	2752	rBV	217907	333597	10.64%	1.798%
29	10.253	2760	2772	2785	rBV	180543	299335	9.55%	1.614%
30	10.359	2796	2805	2818	rVB2	37960	59370	1.89%	0.320%
31	10.774	2922	2934	2956	rBV	141676	230661	7.36%	1.244%
32	11.304	3086	3099	3109	rBV5	16801	33192	1.06%	0.179%
33	11.484	3143	3155	3165	rBV2	44906	68823	2.20%	0.371%
34	11.587	3177	3187	3206	rVB	133830	213985	6.83%	1.154%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Title : TRACE VOA SOM01.0

35	11.825	3249	3261	3277	rVB	488888	770720	24.59%	4.155%
36	12.118	3328	3352	3364	rBV8	20557	59227	1.89%	0.319%
37	12.205	3366	3379	3396	rVB	339619	557129	17.78%	3.004%

Sum of corrected areas: 18548764

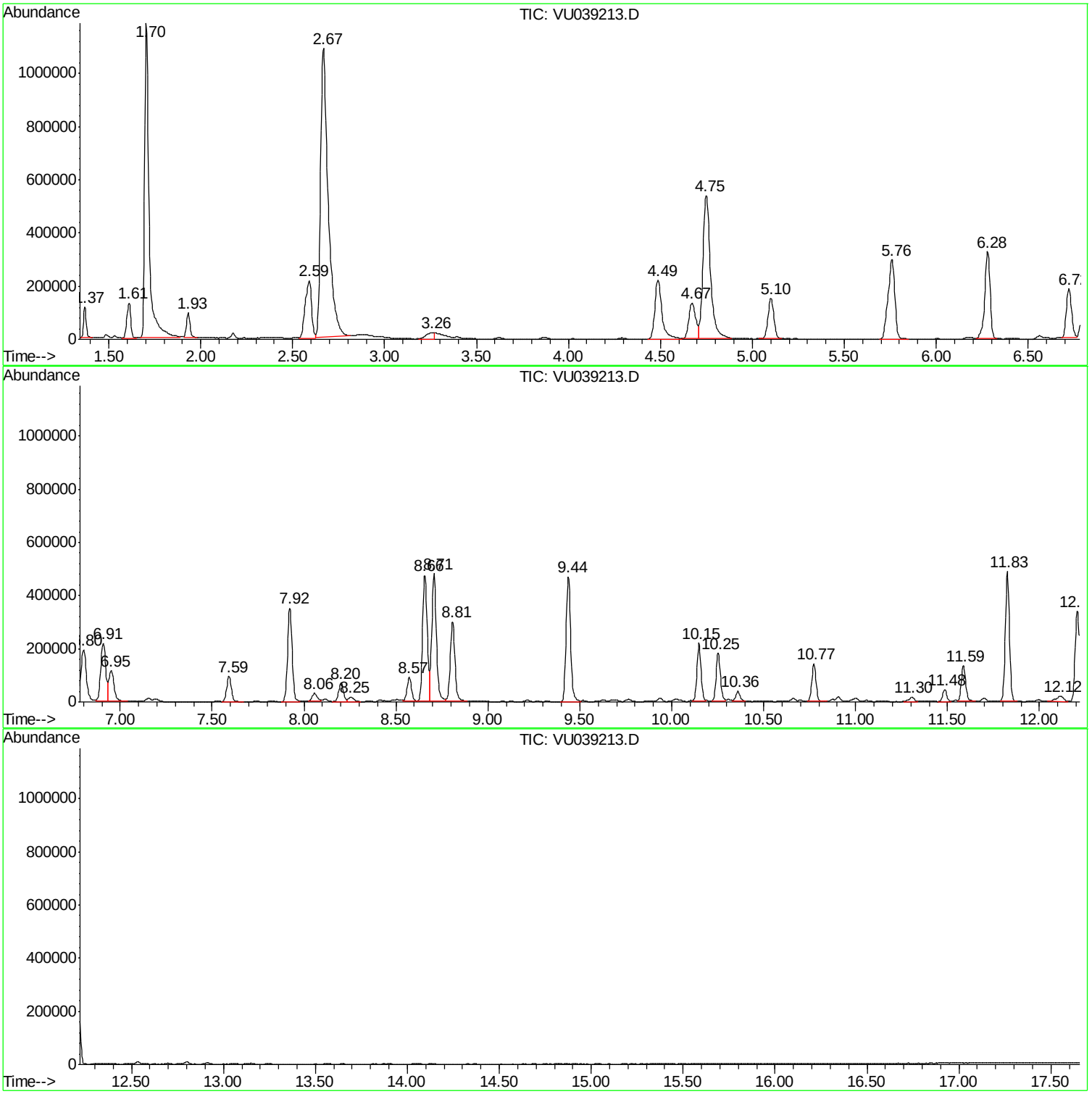
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

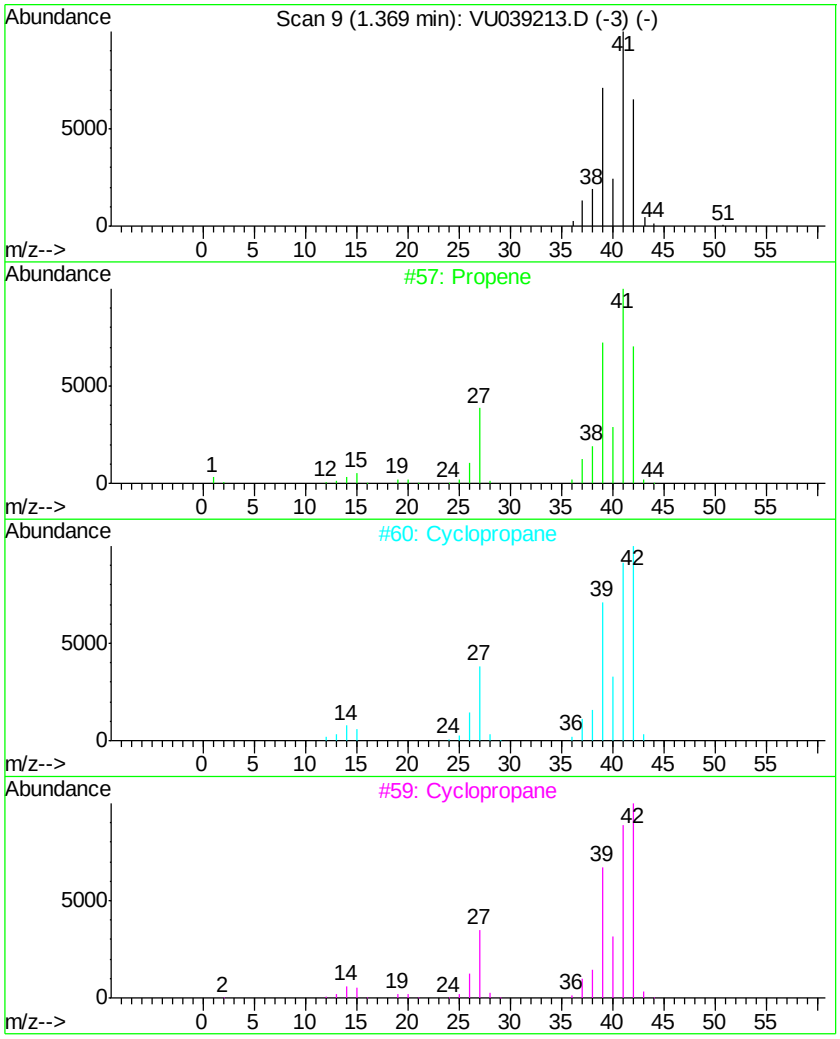
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

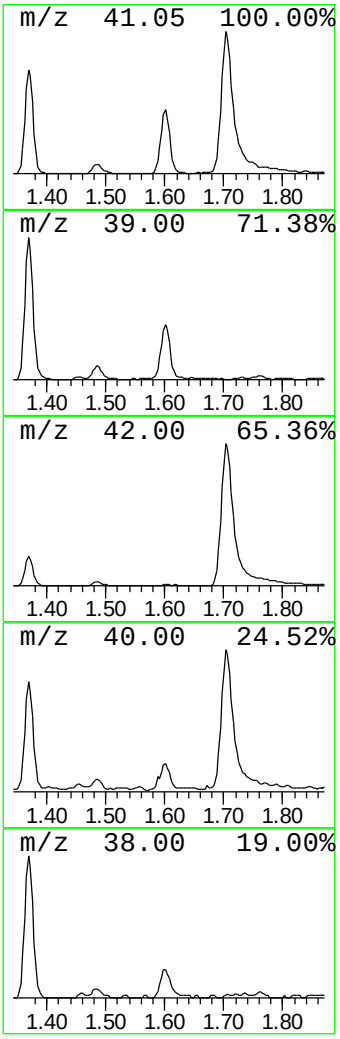
****

Peak Number 1 Propene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.83 ug/L	108907	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	78
3	Cyclopropane	42	C3H6	000075-19-4	78
4	Propene	42	C3H6	000115-07-1	50
5	Cyclopropane	42	C3H6	000075-19-4	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

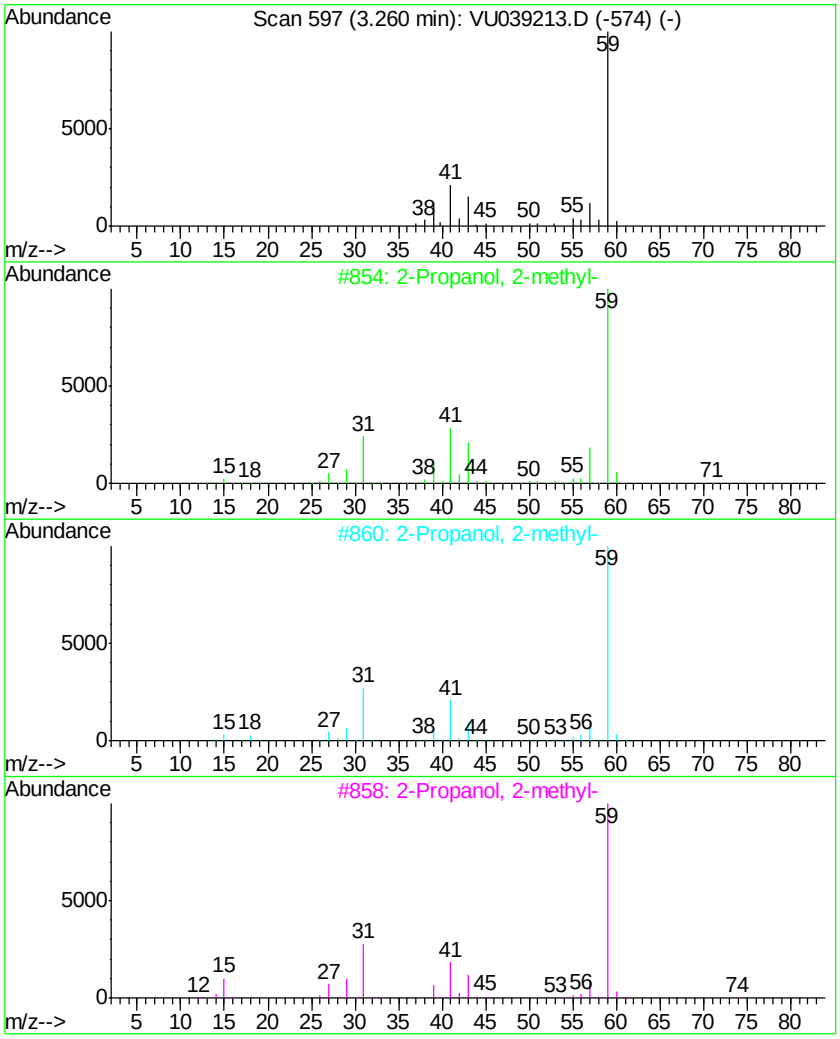
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

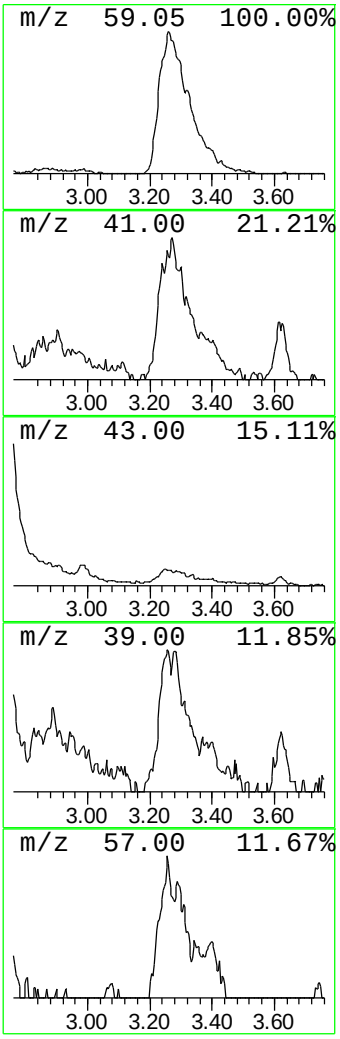
****

Peak Number 3 2-Propanol, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	0.55 ug/L	72711	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	39
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
4	3-Pentanol	88	C5H12O	000584-02-1	9
5	Guanidine	59	CH5N3	000113-00-8	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

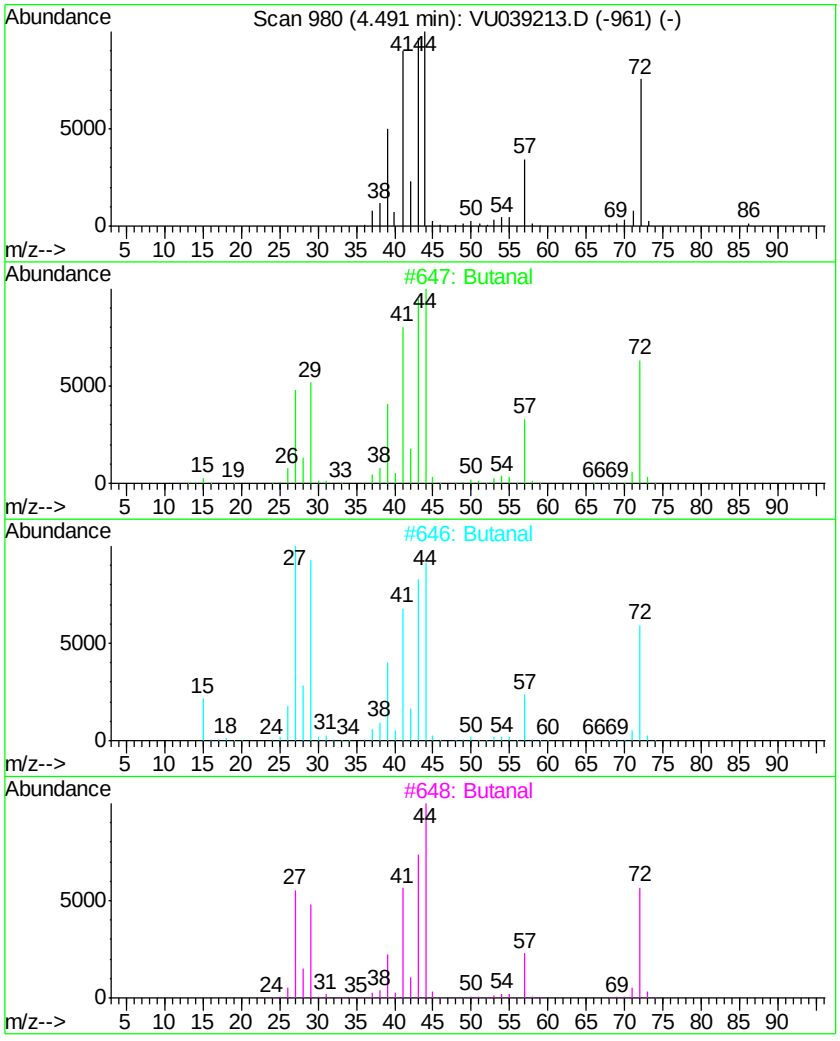
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

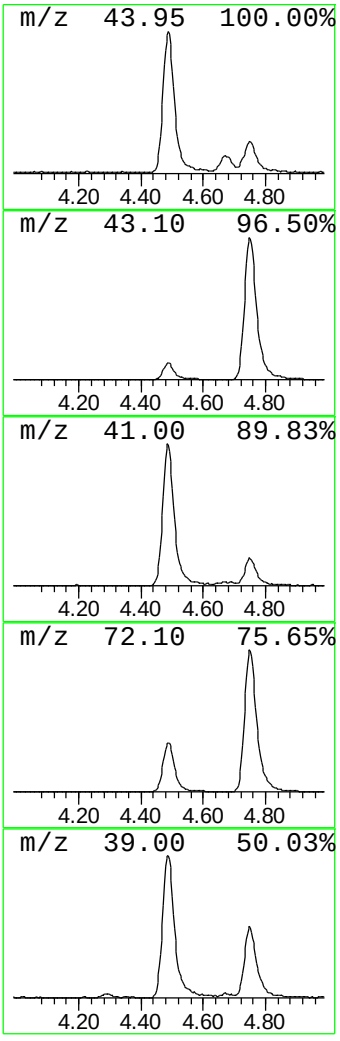
****

Peak Number 4 Butanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	4.59 ug/L	606373	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	53
4	Butanal	72	C4H8O	000123-72-8	50
5	Propane	44	C3H8	000074-98-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

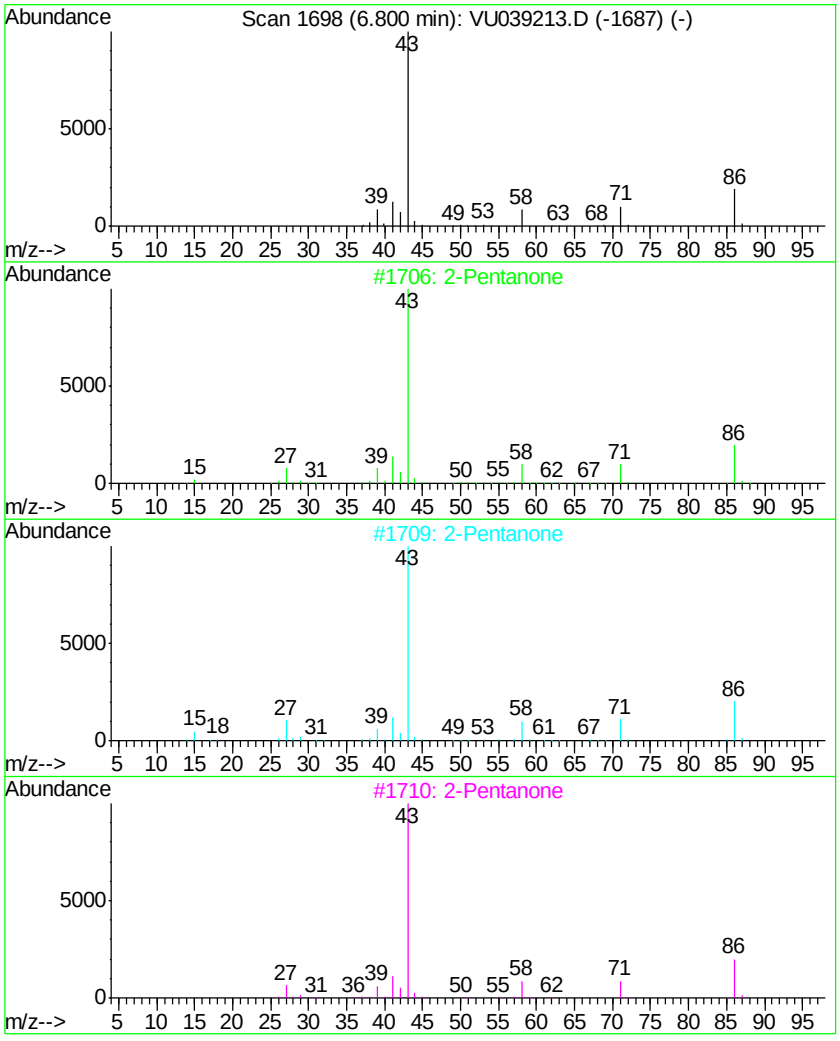
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

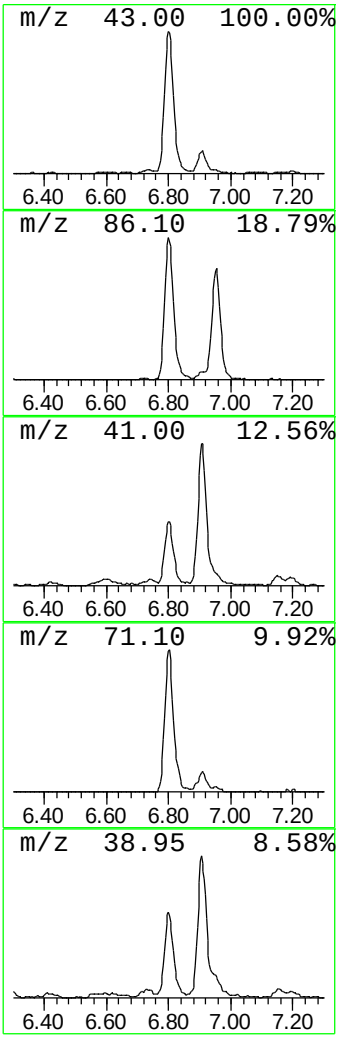
****

Peak Number 5 2-Pentanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	2.78 ug/L	366760	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	91
2	2-Pentanone	86	C5H10O	000107-87-9	90
3	2-Pentanone	86	C5H10O	000107-87-9	86
4	2,3-Butanedione	86	C4H6O2	000431-03-8	47
5	2,3-Butanedione	86	C4H6O2	000431-03-8	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

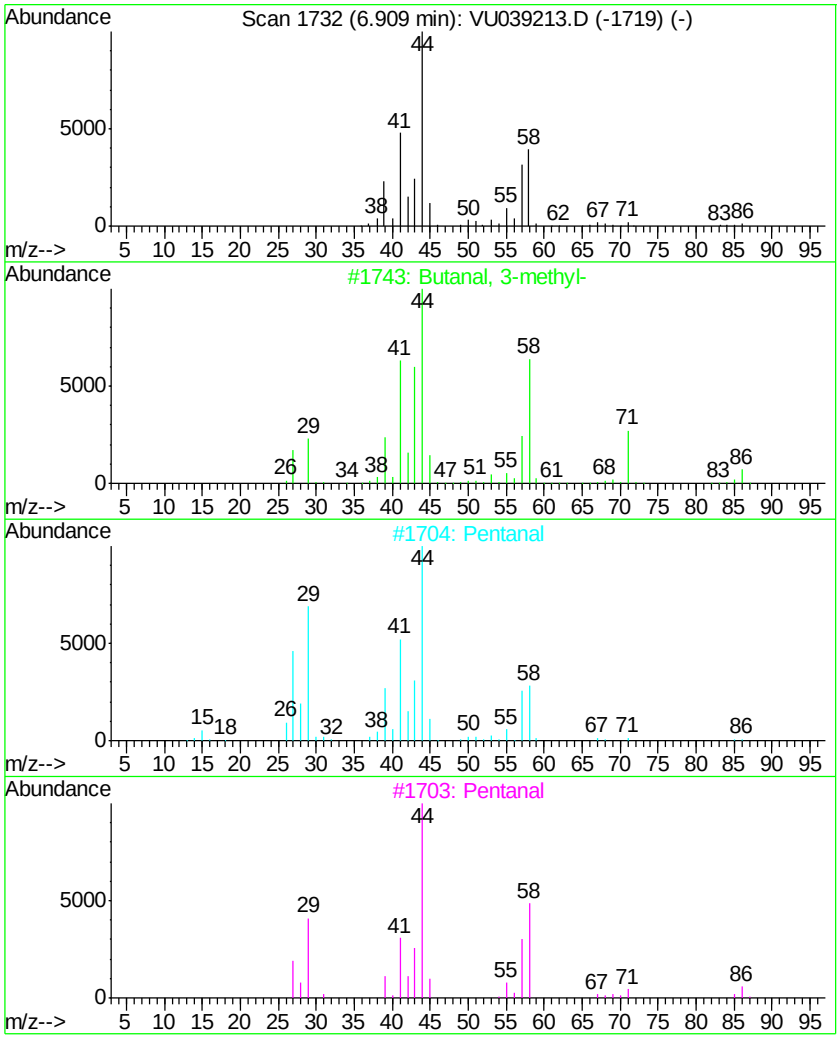
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

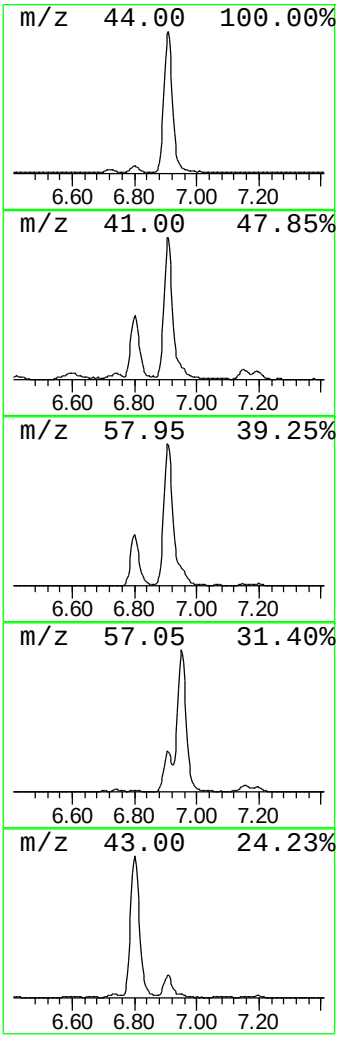
****

Peak Number 6 Butanal, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	3.10 ug/L	409177	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
2	Pentanal	86	C5H10O	000110-62-3	72
3	Pentanal	86	C5H10O	000110-62-3	64
4	Pentanal	86	C5H10O	000110-62-3	52
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

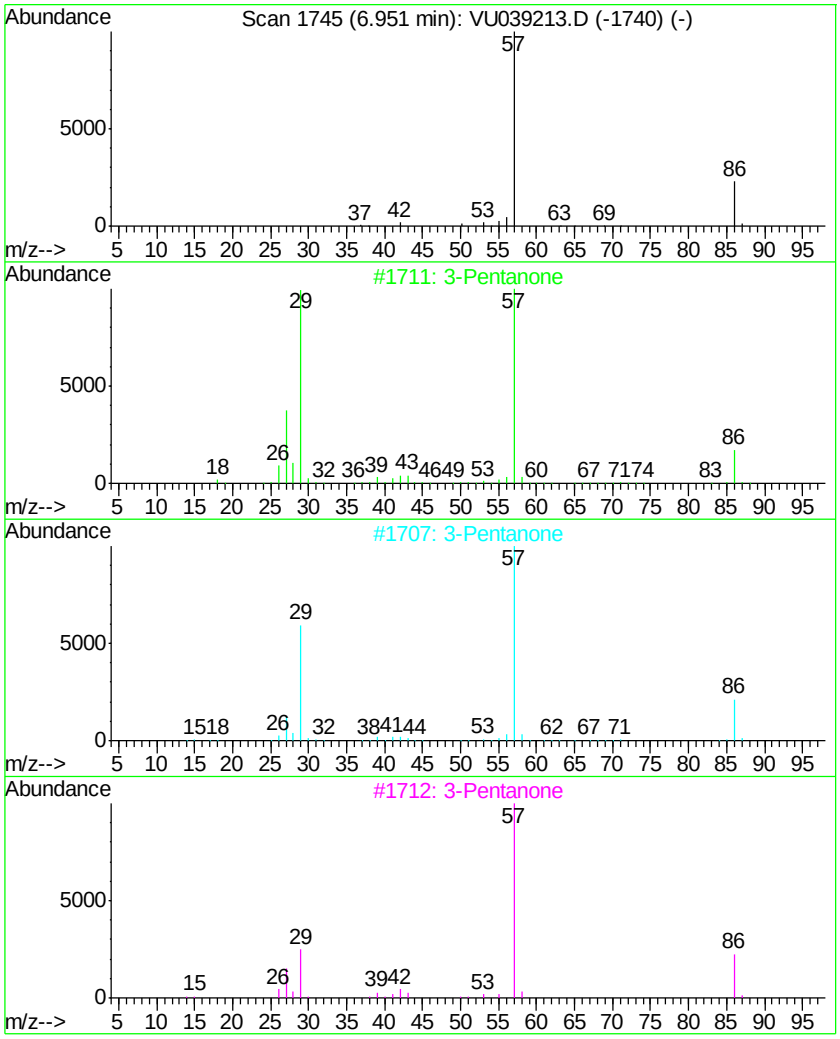
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

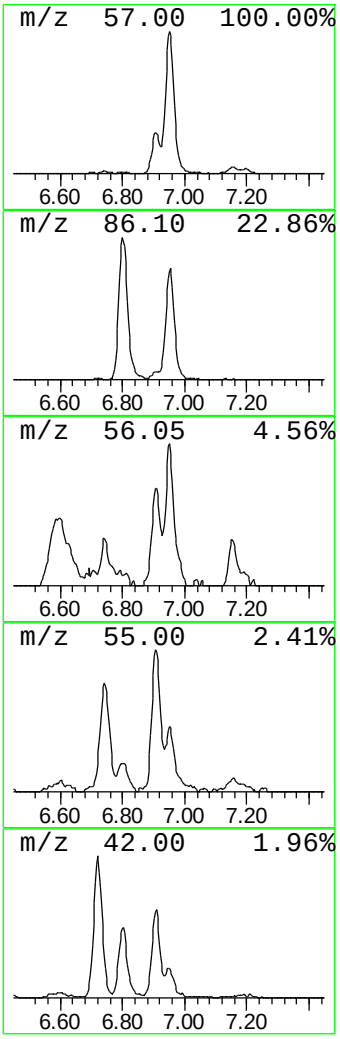
****

Peak Number 7 3-Pentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	1.61 ug/L	212113	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	80
2	3-Pentanone	86	C5H10O	000096-22-0	50
3	3-Pentanone	86	C5H10O	000096-22-0	9
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	9
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

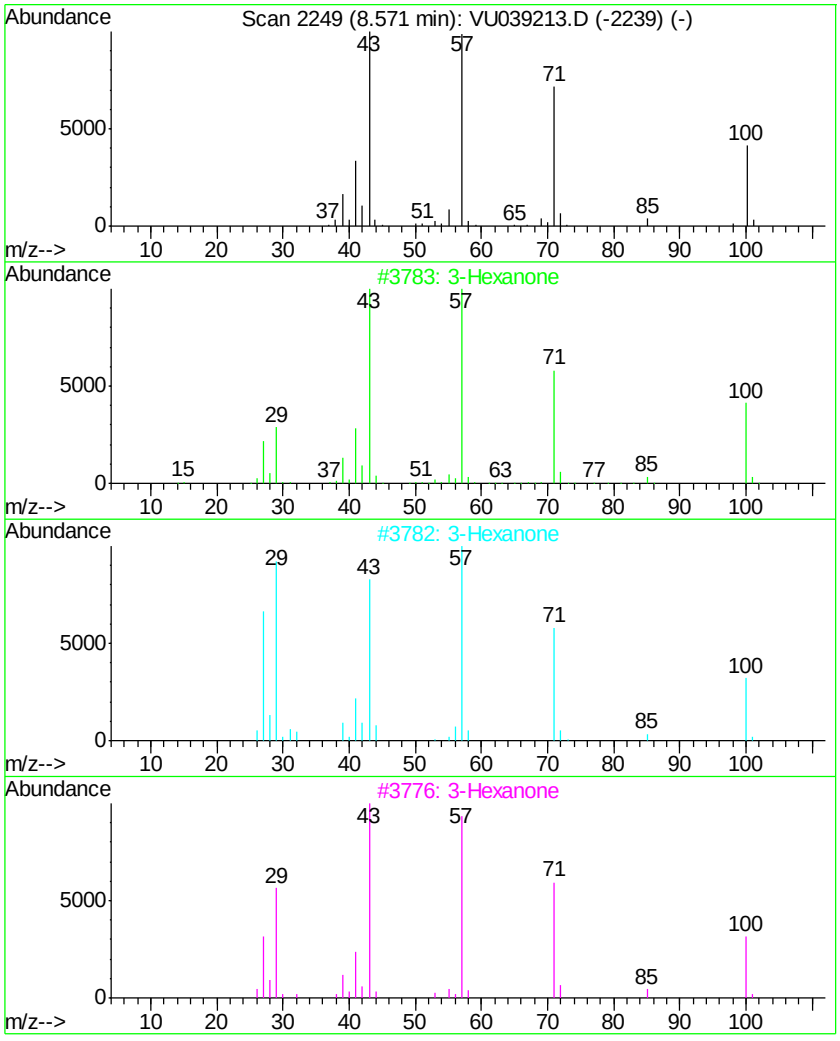
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

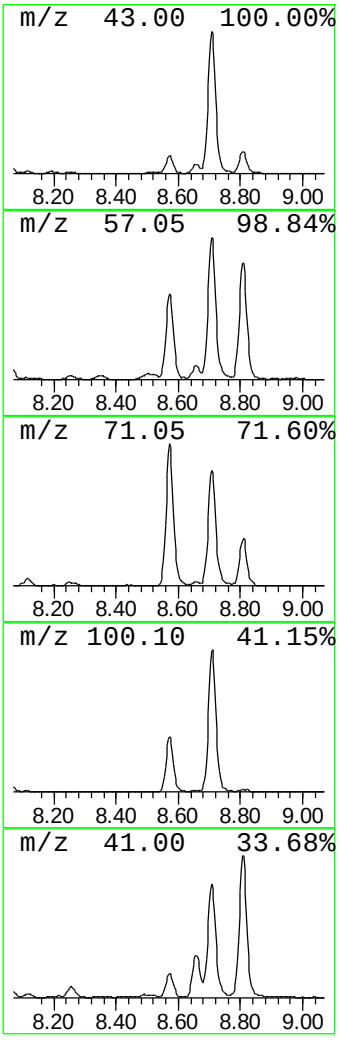
****

Peak Number 9 3-Hexanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	0.91 ug/L	147996	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Hexanone	100	C6H12O	000589-38-8	90
3	3-Hexanone	100	C6H12O	000589-38-8	86
4	3-Hexanone	100	C6H12O	000589-38-8	86
5	3-Hexanone	100	C6H12O	000589-38-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

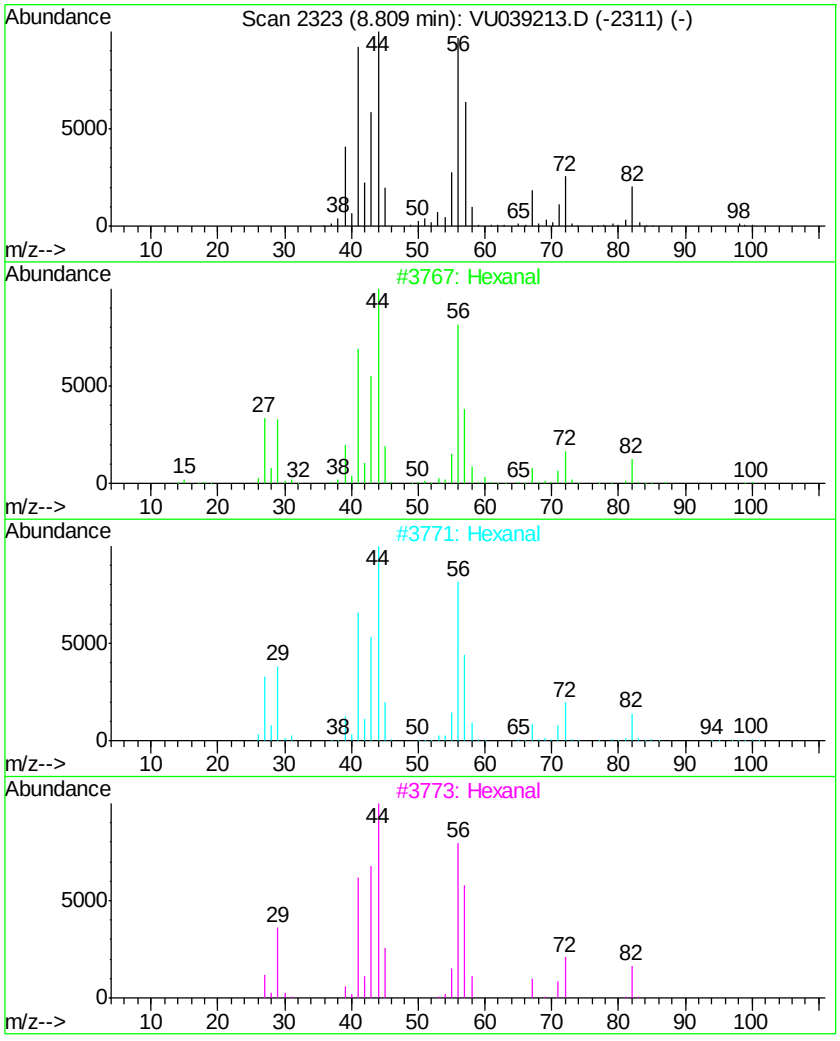
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

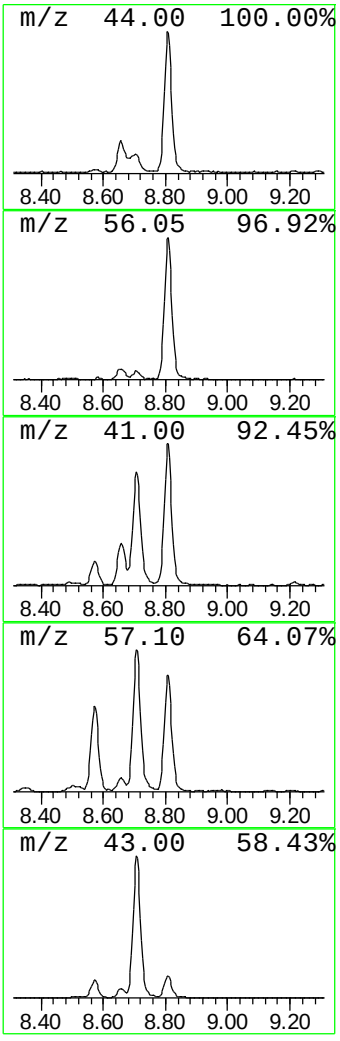
****

Peak Number 10 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	3.15 ug/L	511639	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	72
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	53
5	Glutaraldehyde	100	C5H8O2	000111-30-8	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

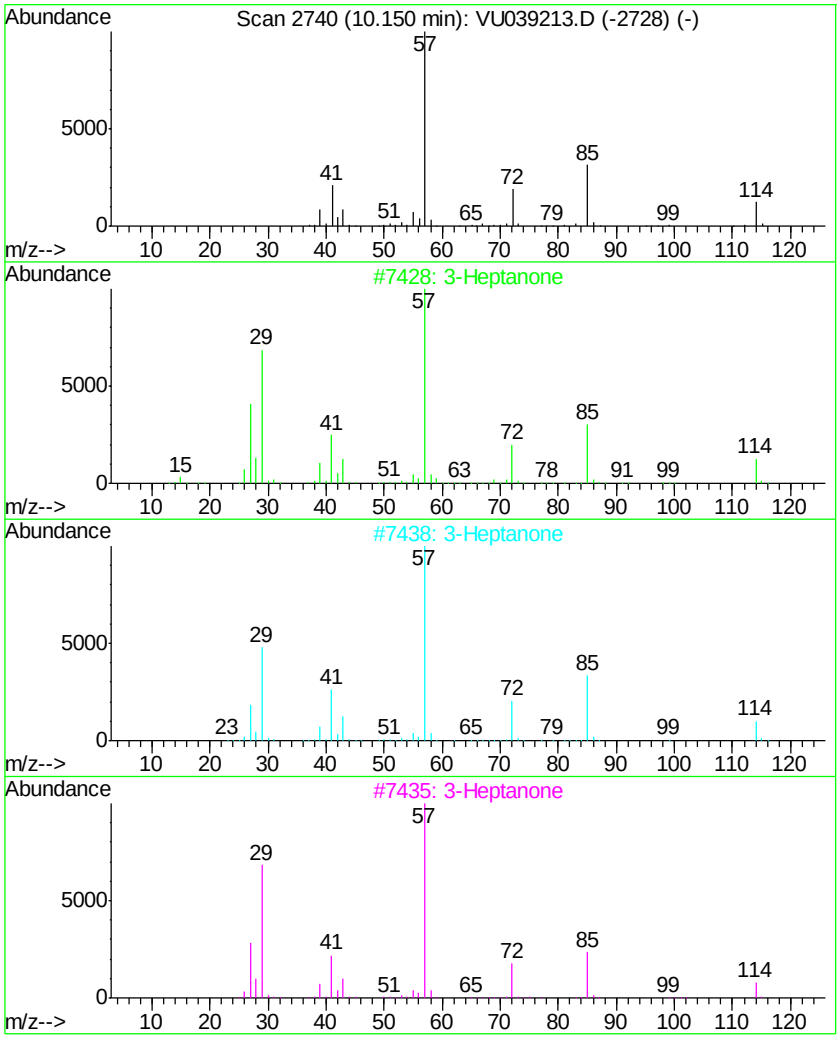
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

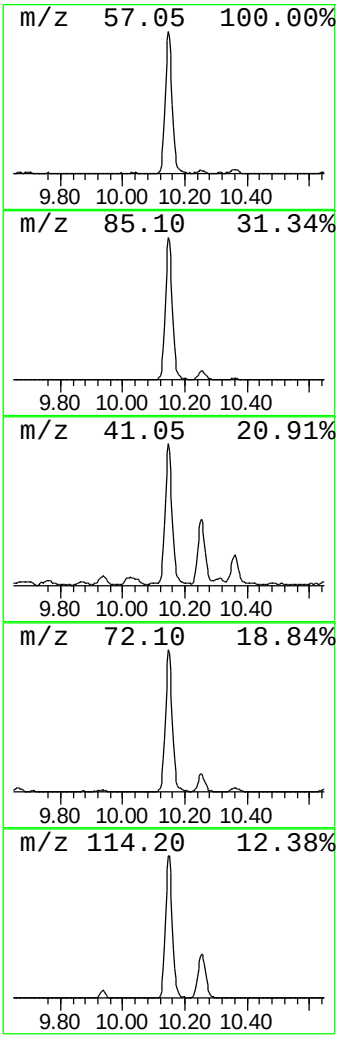
****

Peak Number 11 3-Heptanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	2.05 ug/L	333597	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	91
2	3-Heptanone	114	C7H14O	000106-35-4	91
3	3-Heptanone	114	C7H14O	000106-35-4	91
4	3-Heptanone	114	C7H14O	000106-35-4	91
5	3-Heptanone	114	C7H14O	000106-35-4	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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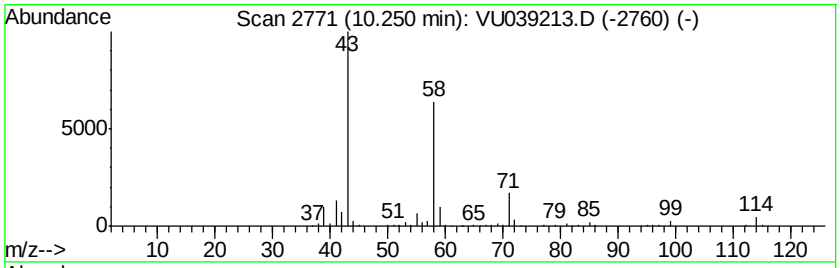
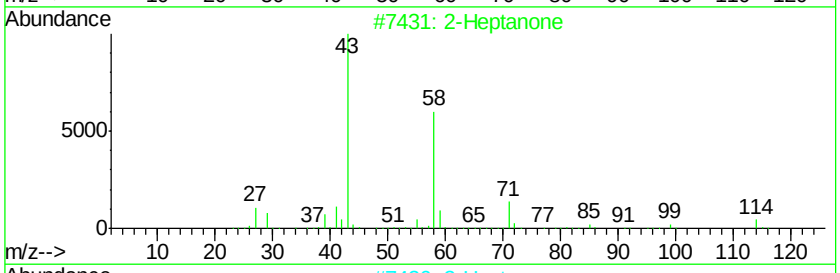
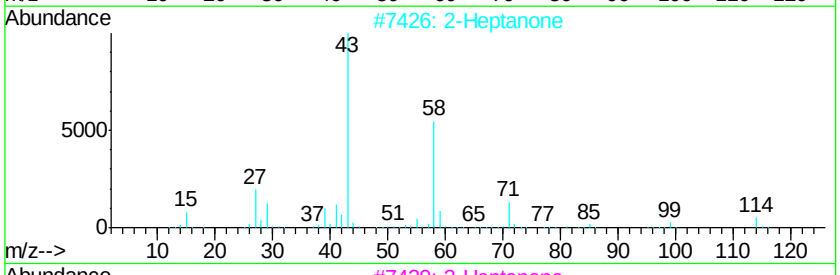
Peak Number 12 2-Heptanone Concentration Rank 7

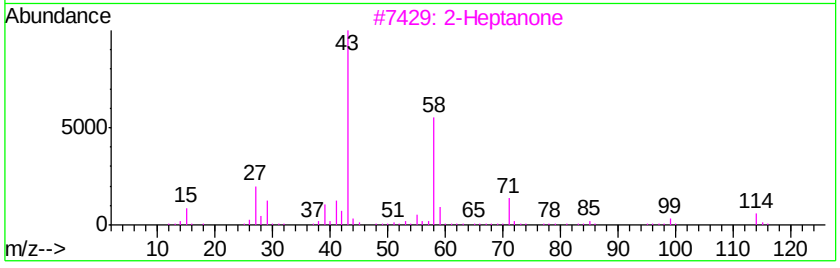
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	1.84 ug/L	299335	Chlorobenzene-d5	9.44

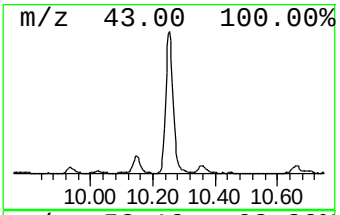
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	91
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78
5	2-Heptanone	114	C7H14O	000110-43-0	64

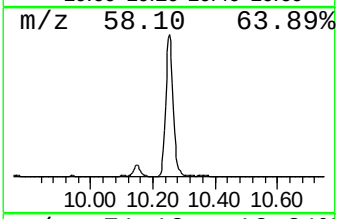


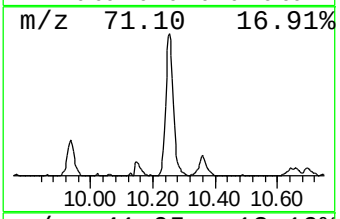


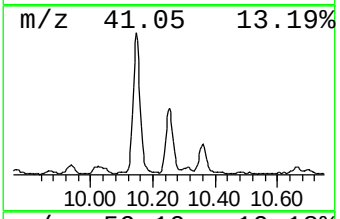


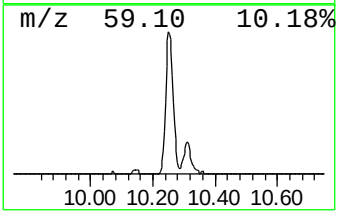












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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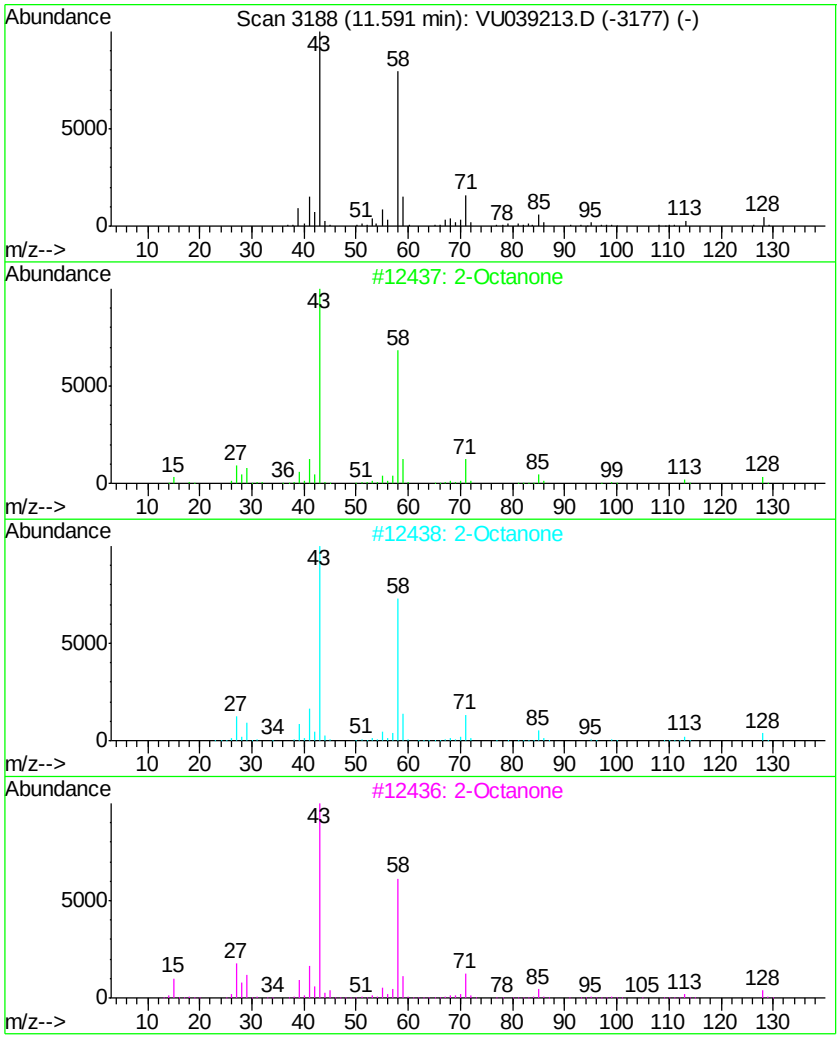
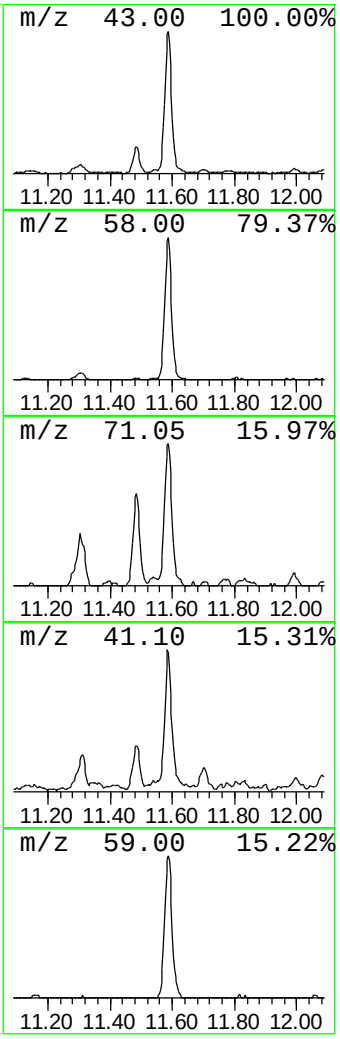
Peak Number 13 2-Octanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	1.39 ug/L	213985	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	91
2	2-Octanone	128	C8H16O	000111-13-7	91
3	2-Octanone	128	C8H16O	000111-13-7	91
4	2-Octanone	128	C8H16O	000111-13-7	91
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
Data File : VU039213.D
Acq On : 30 Jun 2020 01:06
Operator : SY/MD
Sample : L3132-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0Y33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.37	0.8	ug/L	108907	1	6.28	659911	5.0
2-Propanol, 2-met...	3.26	0.6	ug/L	72711	1	6.28	659911	5.0
Butanal	4.49	4.6	ug/L	606373	1	6.28	659911	5.0
2-Pentanone	6.80	2.8	ug/L	366760	1	6.28	659911	5.0
Butanal, 3-methyl-	6.91	3.1	ug/L	409177	1	6.28	659911	5.0
3-Pentanone	6.95	1.6	ug/L	212113	1	6.28	659911	5.0
3-Hexanone	8.57	0.9	ug/L	147996	2	9.44	813271	5.0
Hexanal	8.81	3.1	ug/L	511639	2	9.44	813271	5.0
3-Heptanone	10.15	2.0	ug/L	333597	2	9.44	813271	5.0
2-Heptanone	10.25	1.8	ug/L	299335	2	9.44	813271	5.0
2-Octanone	11.59	1.4	ug/L	213985	3	11.83	770720	5.0