LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012448.D
Acq On : 30 Aug 2019 11:02
Operator : SY/MD
Sample : K4501-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL9

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_V\METHOD\SOMVTR082919WMA.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	1.225	38	42	48	rVB2	21018	18904	2.84%	0.363%
2	1.306	61	67	79	rVB2	96685	106943	16.08%	2.054%
3	1.582	147	153	161	rVB	18438	20489	3.08%	0.393%
4	1.936	254	263	271	rBV2	9782	14516	2.18%	0.279%
5	2.132	313	324	335	rBV	46385	67936	10.22%	1.305%
6	2.209	338	348	365	rVV	23985	51034	7.67%	0.980%
7	2.444	410	421	440	rVB2	19570	52994	7.97%	1.018%
8	2.720	488	507	523	rBV3	18568	72529	10.91%	1.393%
9	3.740	805	824	845	rBV3	33830	97106	14.60%	1.865%
10	3.952	874	890	929	rBV2	81881	306456	46.09%	5.885%
11	4.145	938	950	965	rBV2	17084	43877	6.60%	0.843%
12	4.402	1010	1030	1051	rBV3	96441	262690	39.51%	5.045%
13	5.093	1229	1245	1273	rBV2	140980	362907	54.58%	6.970%
14	5.662	1406	1422	1453	rBV	242738	502584	75.58%	9.652%
15	5.949	1502	1511	1520	rBV9	4536	7610	1.14%	0.146%
16	6.116	1549	1563	1592	rBV	118657	255454	38.42%	4.906%
17	6.283	1606	1615	1624	rVB9	3818	7007	1.05%	0.135%
18	6.588	1698	1710	1712	rBV4	8164	12258	1.84%	0.235%
19	6.630	1713	1723	1741	rVB2	48966	109414	16.45%	2.101%
20	7.029	1836	1847	1868	rBV	50358	94891	14.27%	1.822%
21	7.360	1936	1950	1966	rBV	157422	283165	42.58%	5.438%
22	7.434	1966	1973	1985	rVB	9995	18698	2.81%	0.359%
23	7.666	2034	2045	2061	rBV2	32476	61381	9.23%	1.179%
24	7.977	2132	2142	2155	rVB2	13520	25847	3.89%	0.496%
25	8.141	2179	2193	2228	rBV2	287862	664945	100.00%	12.770%
26	8.688	2354	2363	2377	rVB3	5821	10928	1.64%	0.210%
27	8.894	2414	2427	2455	rBV	354383	610759	91.85%	11.729%
28	9.183	2506	2517	2526	rVB3	7826	12919	1.94%	0.248%
29	10.260	2841	2852	2868	rBV	109208	178951	26.91%	3.437%
30	10.421	2893	2902	2912	rBV3	10792	19084	2.87%	0.367%
31	11.292	3161	3173	3193	rBV	278217	462050	69.49%	8.874%
32	11.669	3279	3290	3314	rBV	231750	390737	58.76%	7.504%

LSC Area Percent Report

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 5207063

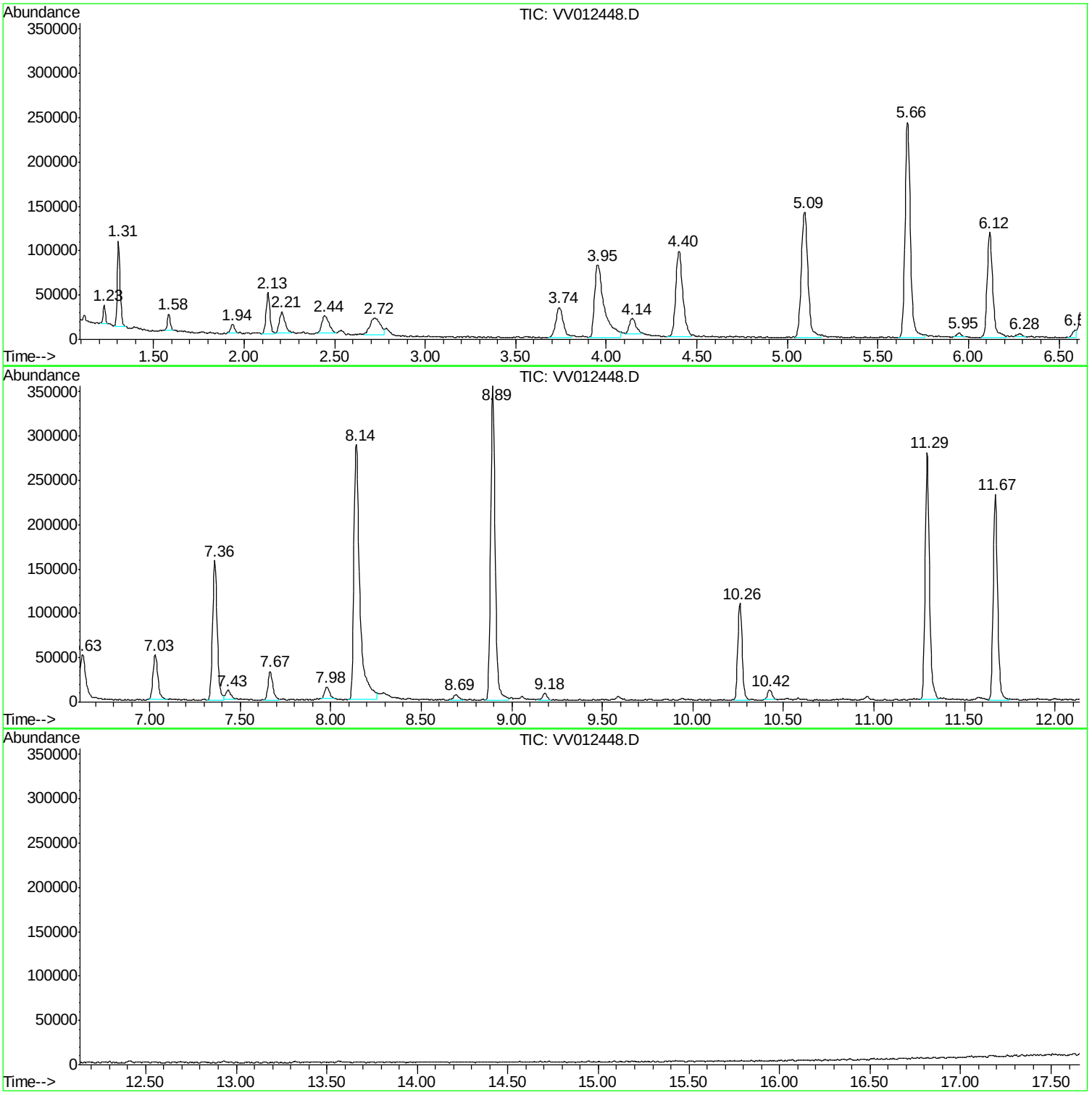
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012448.D
Acq On : 30 Aug 2019 11:02
Operator : SY/MD
Sample : K4501-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.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_V\DATA\VV083019\
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Acq On : 30 Aug 2019 11:02
Operator : SY/MD
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Instrument : MSVOA_V
ClientSampleId : GANL9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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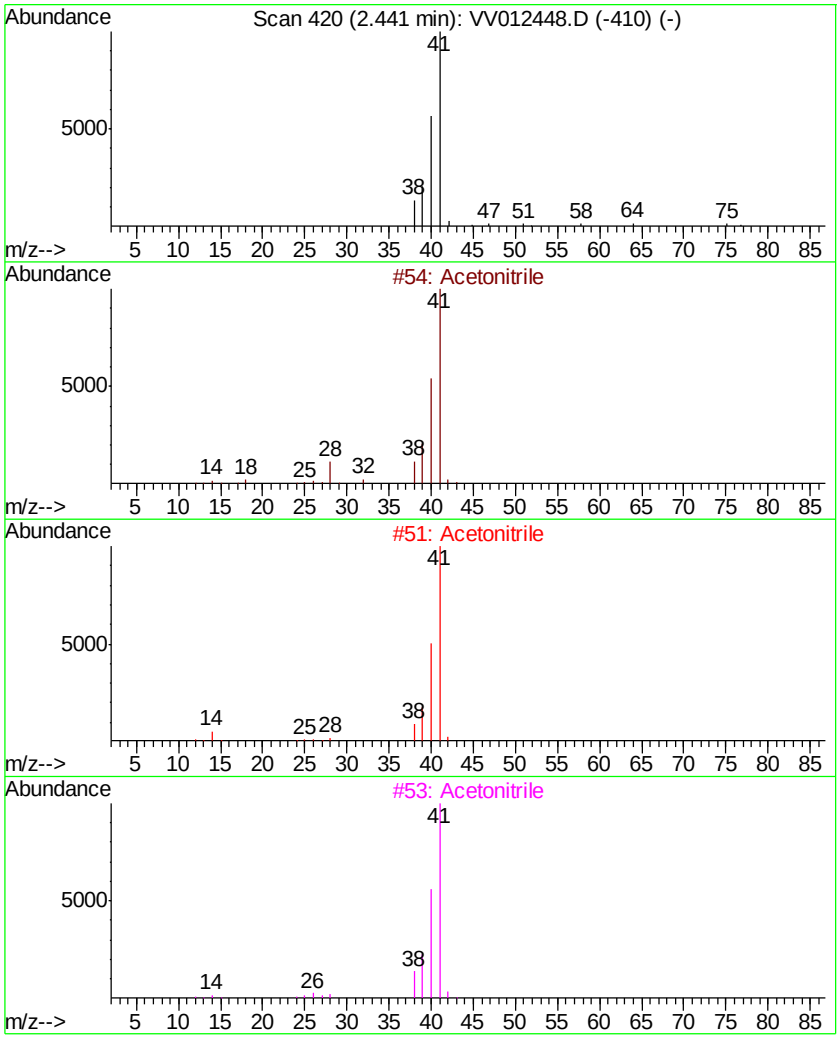
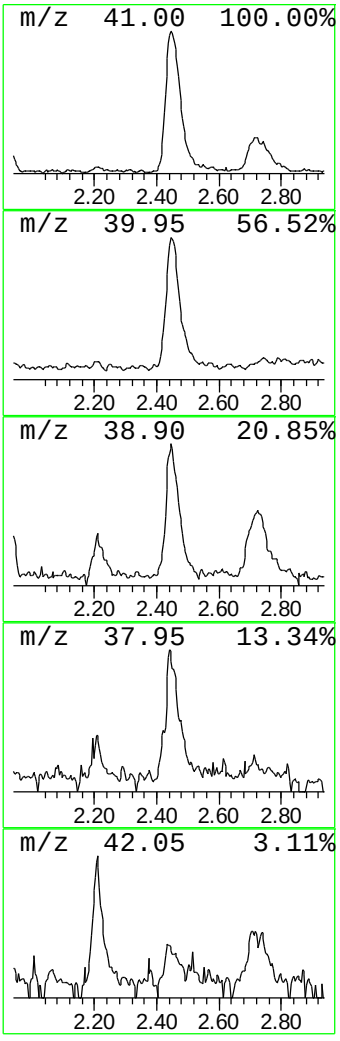
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	0.53 ug/L	52994	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile	41	C2H3N	000075-05-8	40
2	Acetonitrile	41	C2H3N	000075-05-8	40
3	Acetonitrile	41	C2H3N	000075-05-8	40
4	Methyl isocyanide	41	C2H3N	000593-75-9	40
5	Acetonitrile	41	C2H3N	000075-05-8	7





Library Search Compound Report

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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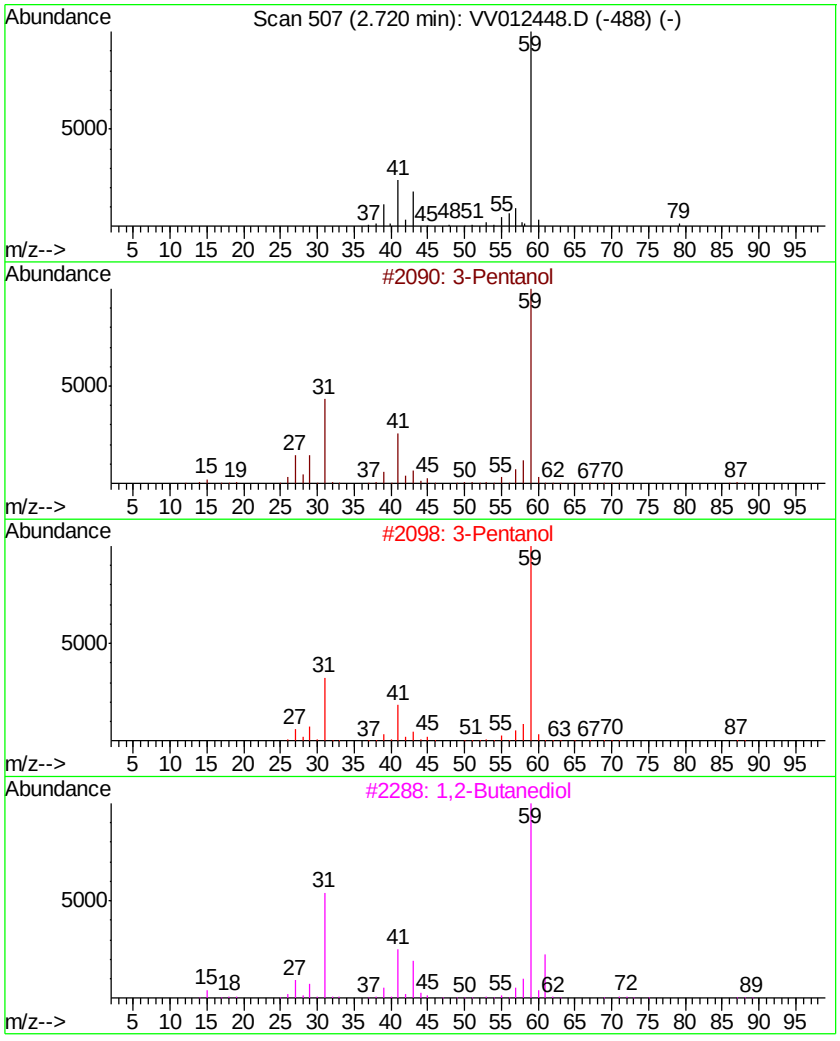
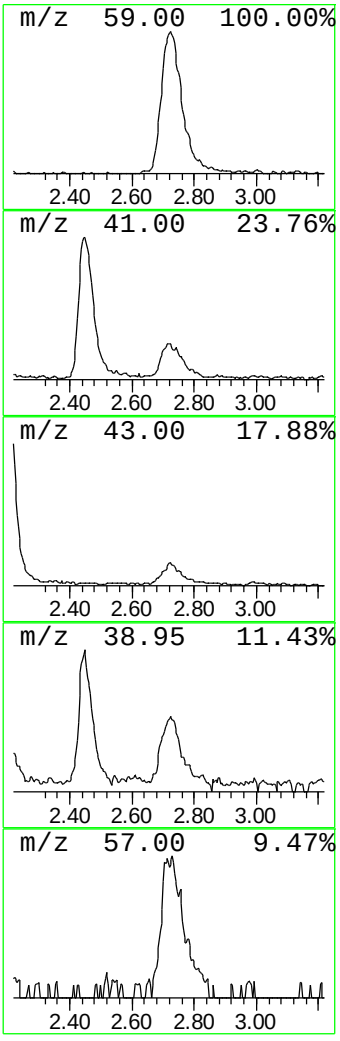
Peak Number 2 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	0.72 ug/L	72529	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol	88	C5H12O	000584-02-1	40
2	3-Pentanol	88	C5H12O	000584-02-1	9
3	1,2-Butanediol	90	C4H10O2	000584-03-2	9
4	Pentanamide	101	C5H11NO	000626-97-1	9
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012448.D
Acq On : 30 Aug 2019 11:02
Operator : SY/MD
Sample : K4501-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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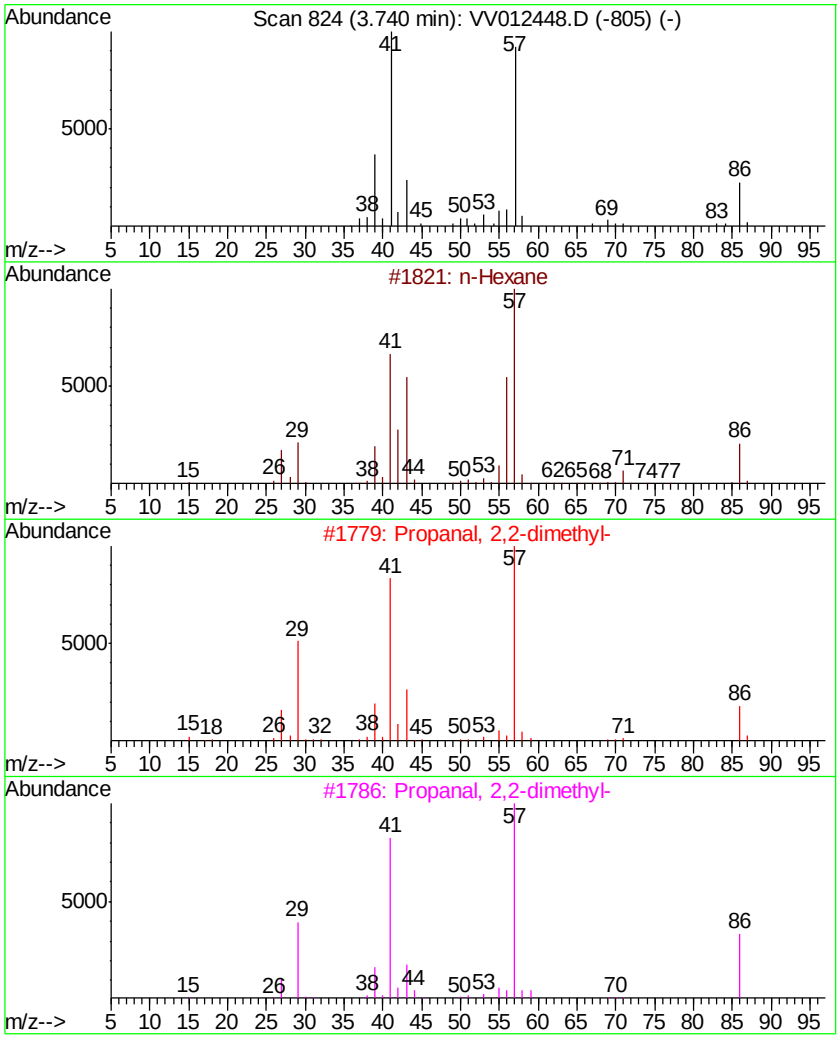
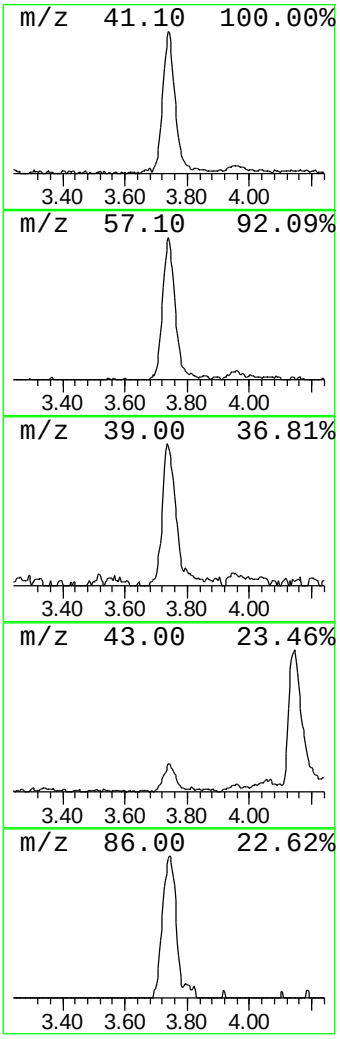
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	0.97 ug/L	97106	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	64
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	53
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	40
5	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	38





Library Search Compound Report

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0

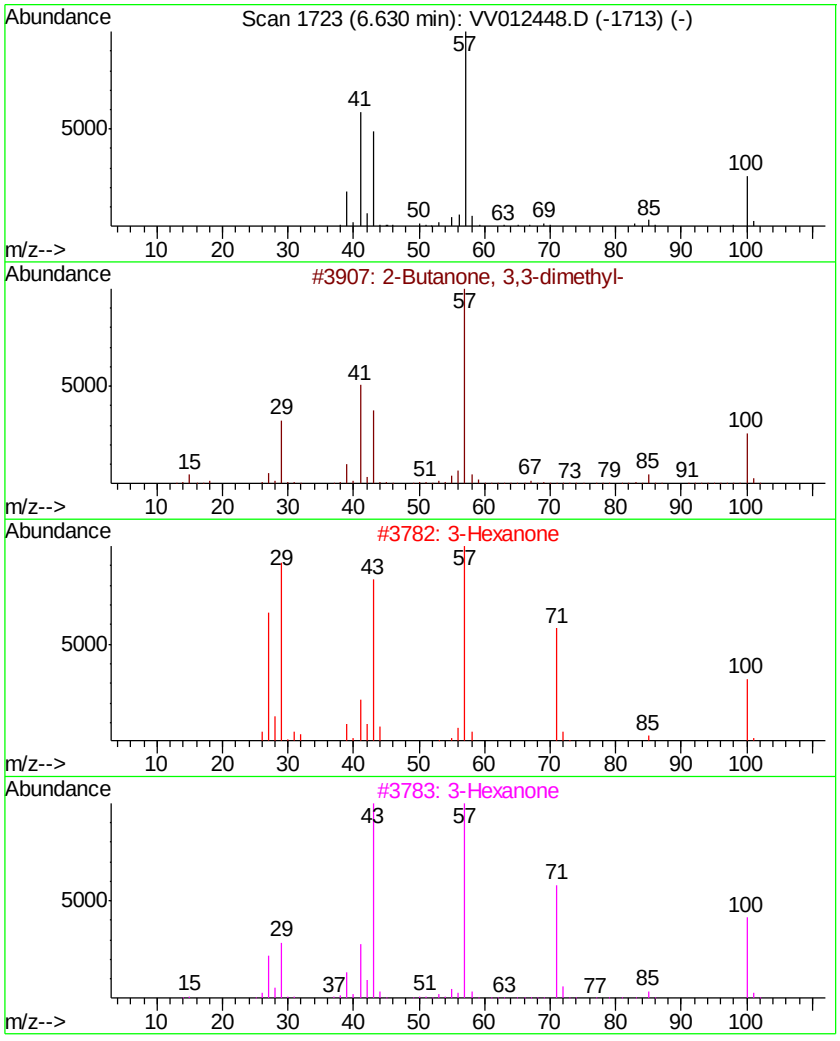
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

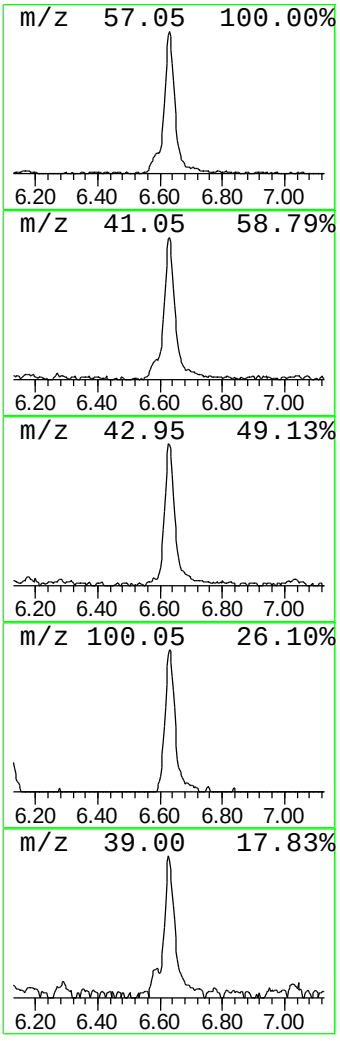
****

Peak Number 4 2-Butanone, 3,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	1.09 ug/L	109414	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	86
2	3-Hexanone	100	C6H12O	000589-38-8	59
3	3-Hexanone	100	C6H12O	000589-38-8	59
4	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	56
5	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	53





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.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
unknown-01	2.44	0.5	ug/L	52994	1	5.66	502584	5.0
unknown-02	2.72	0.7	ug/L	72529	1	5.66	502584	5.0
(DEL) Alkane: Str...	3.74	1.0	ug/L	97106	1	5.66	502584	5.0
2-Butanone, 3,3-d...	6.63	1.1	ug/L	109414	1	5.66	502584	5.0