LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
Data File : VU035866.D
Acq On : 26 Nov 2019 18:54
Operator : JC/SP
Sample : K6057-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AB1

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\SOMUTR112119WMA.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	1.614	74	85	101	rBV2	268109	492631	26.93%	3.196%
2	1.704	109	113	128	rVB	30519	38336	2.10%	0.249%
3	1.935	176	185	198	rVB	192685	245538	13.42%	1.593%
4	2.594	376	390	403	rBV	285311	486554	26.59%	3.157%
5	2.665	403	412	430	rVB	101777	184527	10.09%	1.197%
6	2.803	444	455	471	rBV2	54478	109532	5.99%	0.711%
7	3.234	571	589	625	rBV2	391036	961571	52.56%	6.239%
8	4.501	958	983	1006	rBV	575536	1512021	82.65%	9.811%
9	4.694	1028	1043	1079	rBV3	251472	830839	45.41%	5.391%
10	5.115	1157	1174	1197	rBV	245808	584794	31.96%	3.794%
11	5.433	1256	1273	1291	rVB4	43082	101041	5.52%	0.656%
12	5.771	1353	1378	1407	rBV2	504984	1352591	73.93%	8.776%
13	6.292	1526	1540	1564	rBV	278776	557577	30.48%	3.618%
14	6.443	1576	1587	1595	rBV4	9646	18448	1.01%	0.120%
15	6.584	1619	1631	1641	rBV8	13682	25030	1.37%	0.162%
16	6.732	1661	1677	1700	rBV	326094	656552	35.89%	4.260%
17	7.176	1799	1815	1845	rBV	734576	1829515	100.00%	11.871%
18	7.604	1936	1948	1975	rBV	146412	291151	15.91%	1.889%
19	7.935	2035	2051	2069	rBV	550675	1012842	55.36%	6.572%
20	8.218	2127	2139	2171	rBV	86382	183119	10.01%	1.188%
21	8.684	2268	2284	2323	rBV	466651	1597557	87.32%	10.366%
22	8.829	2324	2329	2353	rVB8	15289	38913	2.13%	0.252%
23	9.449	2508	2522	2560	rBV	395080	795356	43.47%	5.161%
24	10.391	2802	2815	2829	rBV6	11164	23840	1.30%	0.155%
25	10.787	2926	2938	2955	rVB	246217	431037	23.56%	2.797%
26	11.845	3252	3267	3282	rBV	269175	475857	26.01%	3.088%
27	12.221	3367	3384	3399	rBV	329845	575483	31.46%	3.734%

Sum of corrected areas: 15412252

LSC Report - Integrated Chromatogram

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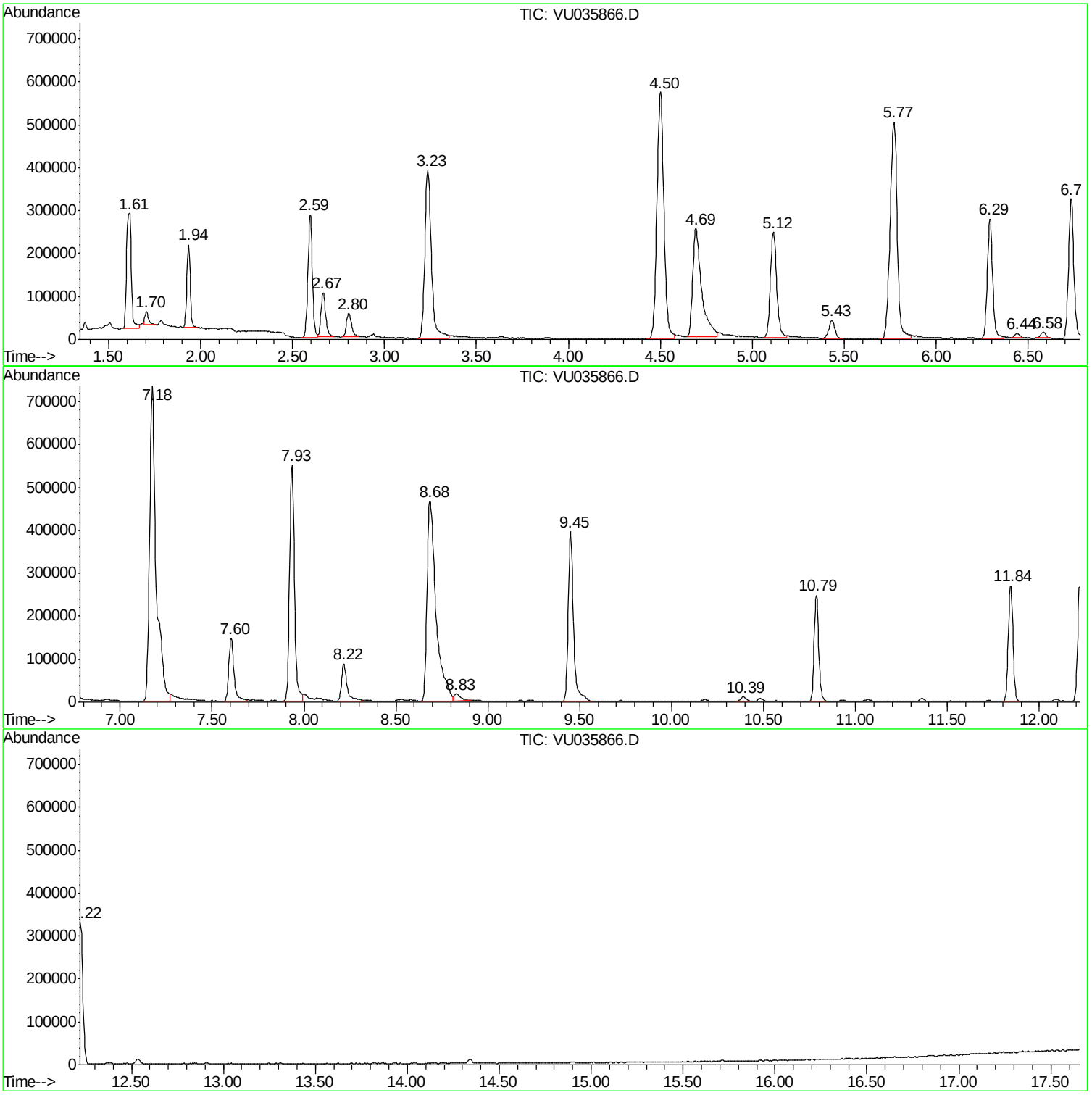
Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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ClientSampleId : C0AB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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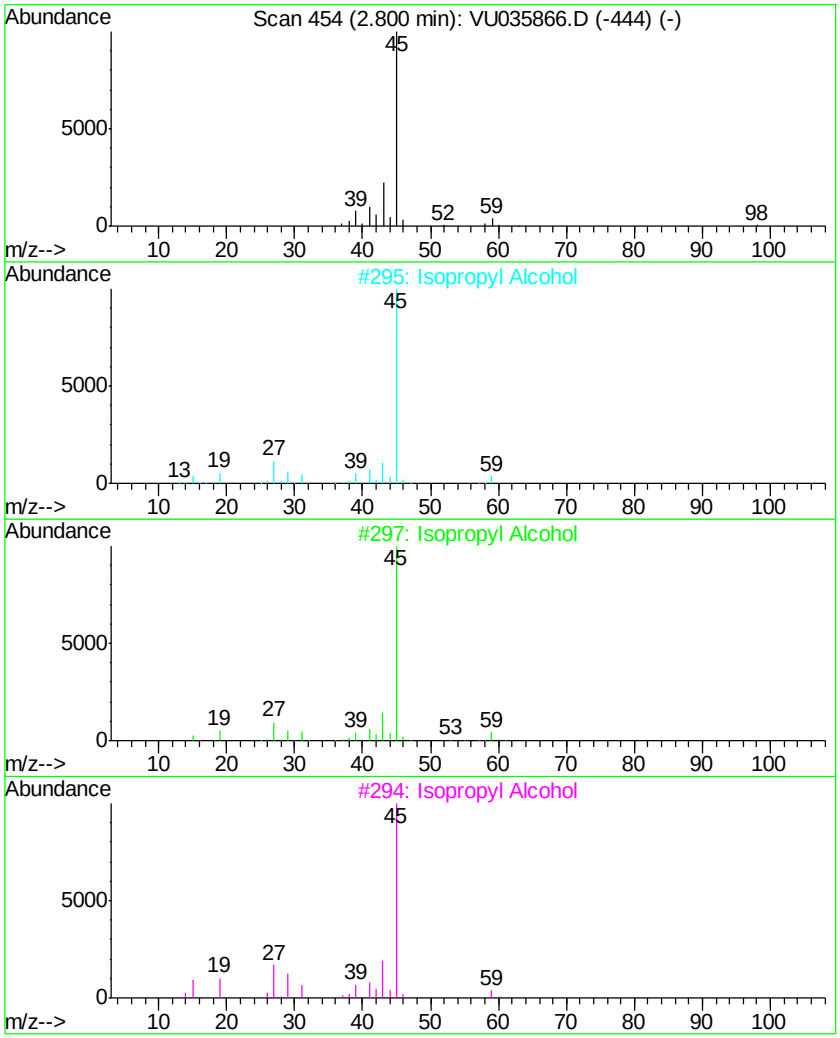
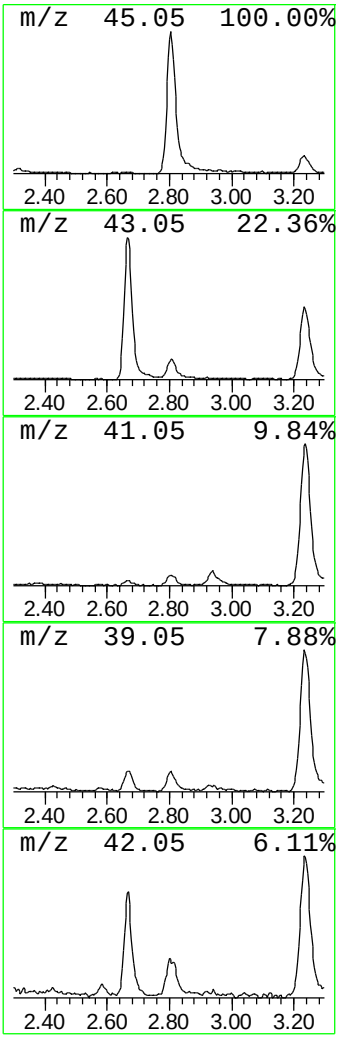
Peak Number 1 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	0.98 ug/L	109532	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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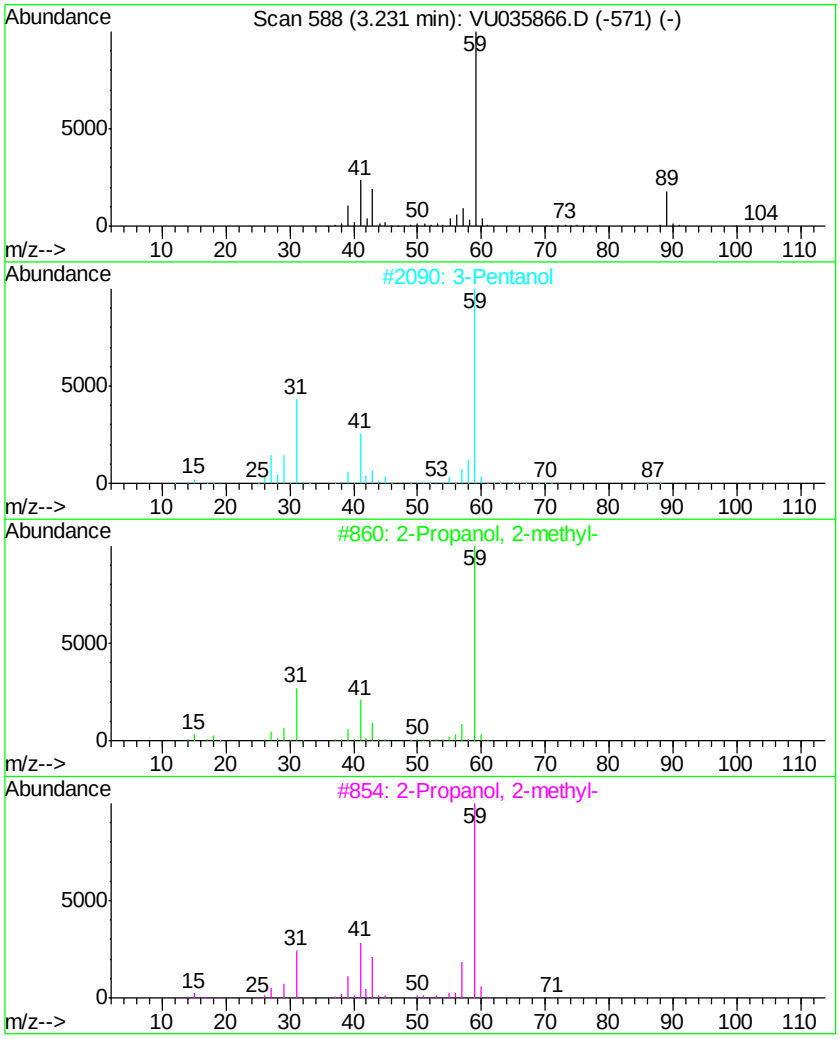
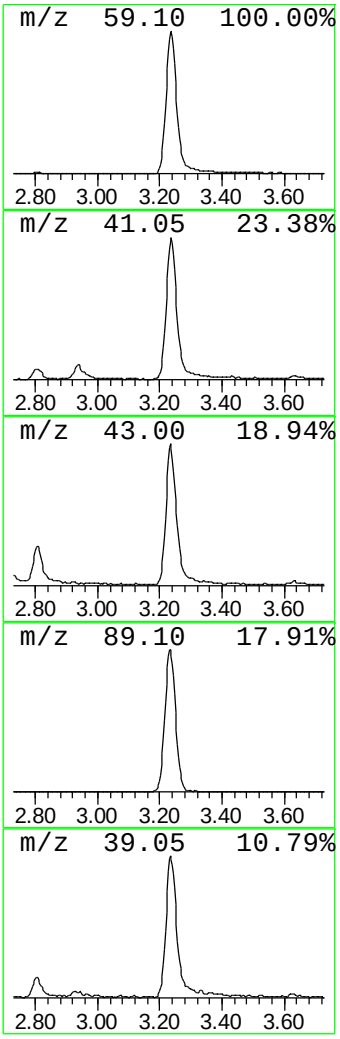
Peak Number 2 3-Pentanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	8.62 ug/L	961571	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol	88	C5H12O	000584-02-1	50
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	42
4	3-Pentanol	88	C5H12O	000584-02-1	39
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	38





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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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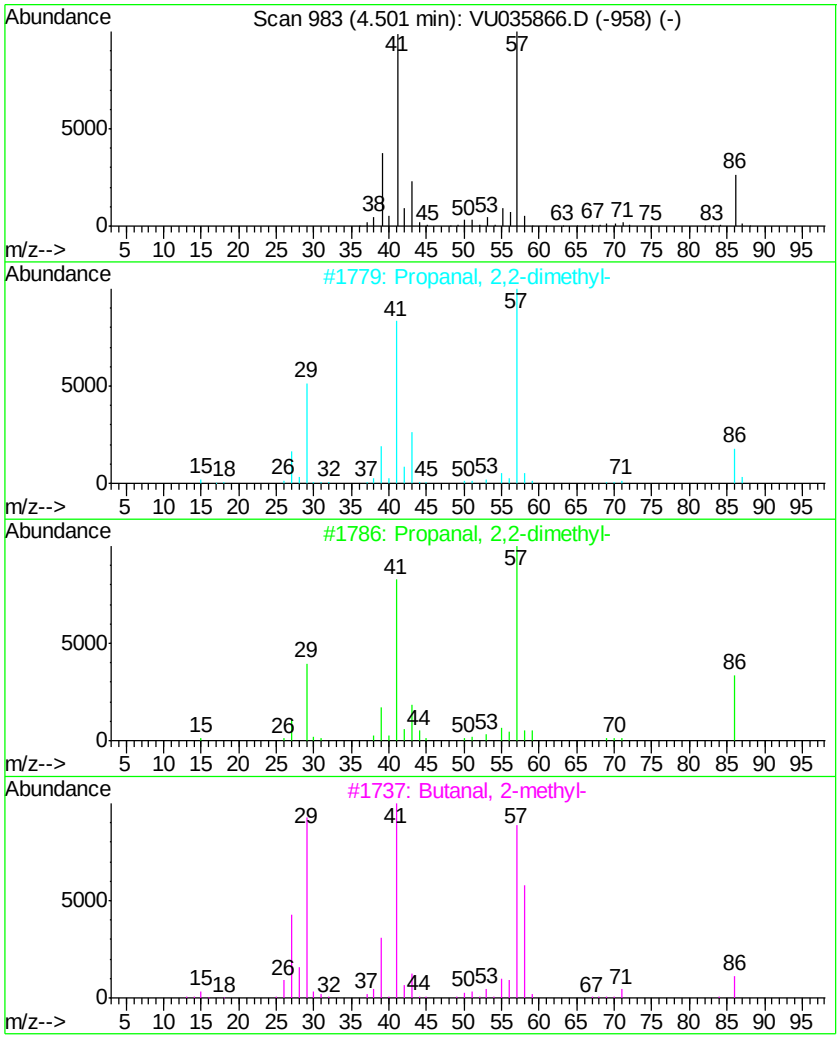
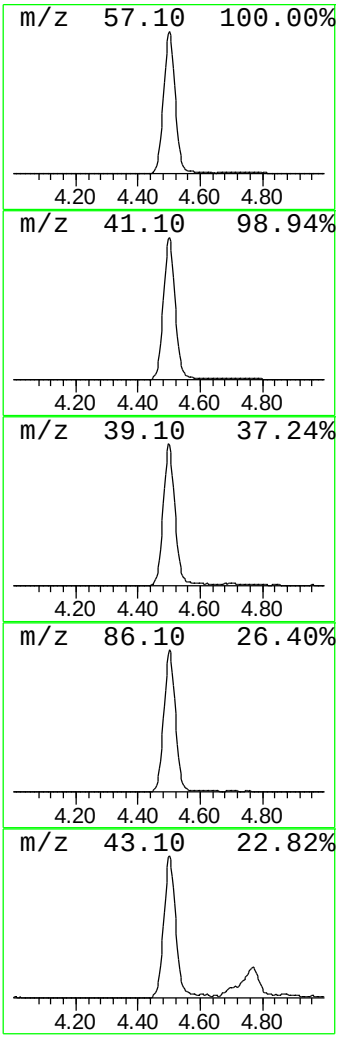
Peak Number 3 Propanal, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	13.56 ug/L	1512020	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	72
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	58
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	45
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	42
5	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	38





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Instrument : MSVOA_U
ClientSampleId : C0AB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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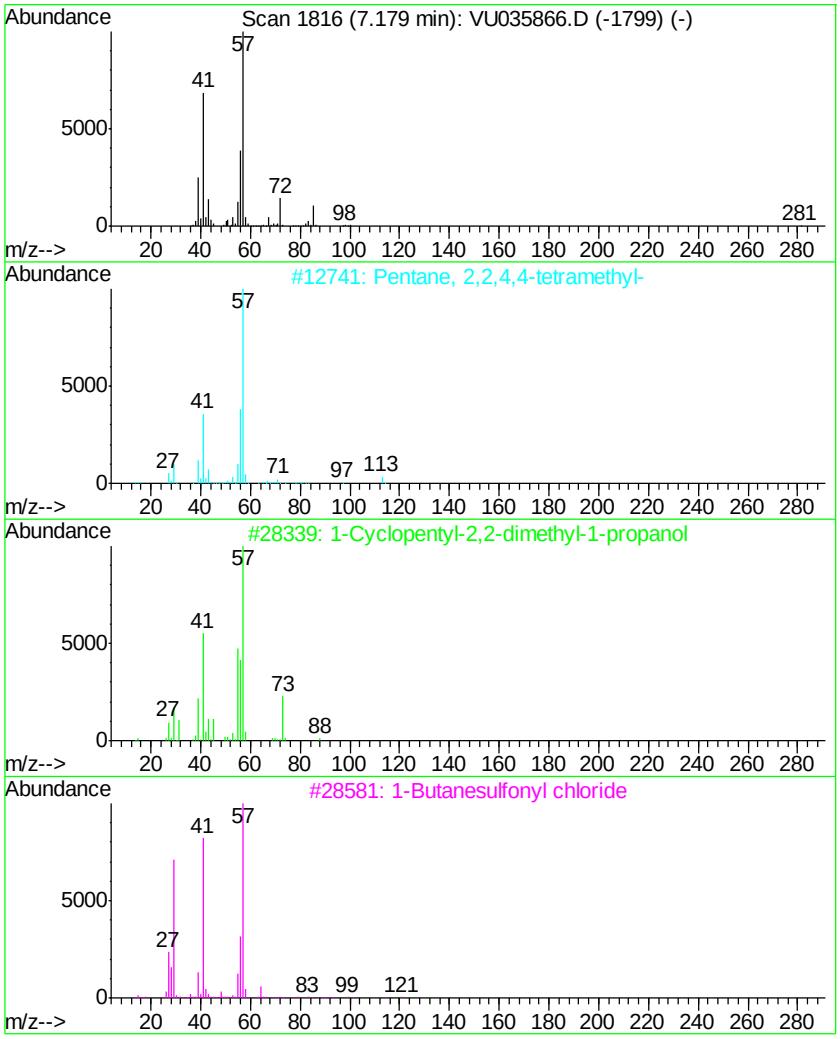
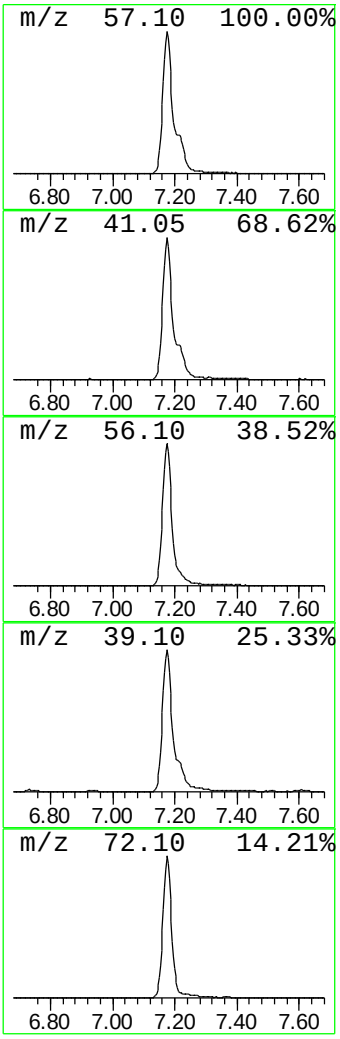
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	16.41 ug/L	1829520	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
2	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	40
3	1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	40
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	40
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	38





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C0AB1

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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
Isopropyl Alcohol	2.80	1.0	ug/L	109532	1	6.29	557577	5.0
3-Pentanol	3.23	8.6	ug/L	961571	1	6.29	557577	5.0
Propanal, 2,2-dim...	4.50	13.6	ug/L	1512020	1	6.29	557577	5.0
(DEL) Alkane: Str...	7.18	16.4	ug/L	1829520	1	6.29	557577	5.0