LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112719\
Data File : VU035891.D
Acq On : 27 Nov 2019 12:57
Operator : JC/SP
Sample : K6057-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 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	1.613	74	85	96	rBV2	249574	457951	27.97%	3.146%
2	1.703	108	113	120	rVB	24215	27800	1.70%	0.191%
3	1.935	176	185	198	rVB	183848	242646	14.82%	1.667%
4	2.594	377	390	403	rBV	283854	475402	29.03%	3.266%
5	2.665	403	412	429	rVB	86755	153460	9.37%	1.054%
6	2.803	444	455	477	rBV2	45967	93350	5.70%	0.641%
7	3.234	571	589	614	rBV2	329988	799030	48.79%	5.489%
8	4.498	958	982	1006	rBV2	531773	1393537	85.10%	9.572%
9	4.694	1028	1043	1080	rBV4	225325	723988	44.21%	4.973%
10	5.115	1156	1174	1195	rBV2	256633	585206	35.74%	4.020%
11	5.433	1258	1273	1288	rBV4	40323	91919	5.61%	0.631%
12	5.771	1357	1378	1414	rBV3	515084	1356024	82.81%	9.315%
13	6.292	1525	1540	1564	rBV2	300918	594998	36.33%	4.087%
14	6.443	1577	1587	1599	rVB6	7645	16532	1.01%	0.114%
15	6.732	1663	1677	1700	rBV	324517	656922	40.12%	4.512%
16	7.176	1799	1815	1846	rBV	657727	1637541	100.00%	11.248%
17	7.604	1934	1948	1972	rBV	143415	283694	17.32%	1.949%
18	7.935	2037	2051	2084	rBV	557480	1056169	64.50%	7.255%
19	8.214	2127	2138	2162	rBV	82769	169964	10.38%	1.167%
20	8.684	2269	2284	2324	rBV	414250	1405126	85.81%	9.652%
21	9.449	2507	2522	2541	rBV	431546	816467	49.86%	5.608%
22	10.391	2804	2815	2828	rVB9	8602	17257	1.05%	0.119%
23	10.787	2922	2938	2956	rBV	237423	410422	25.06%	2.819%
24	11.845	3253	3267	3280	rBV	274992	495183	30.24%	3.401%
25	12.221	3372	3384	3400	rBV	325477	562308	34.34%	3.863%
26	12.533	3469	3481	3495	rBV2	10797	18507	1.13%	0.127%
27	14.343	4035	4044	4053	rBV4	10689	16673	1.02%	0.115%

Sum of corrected areas: 14558076

LSC Report - Integrated Chromatogram

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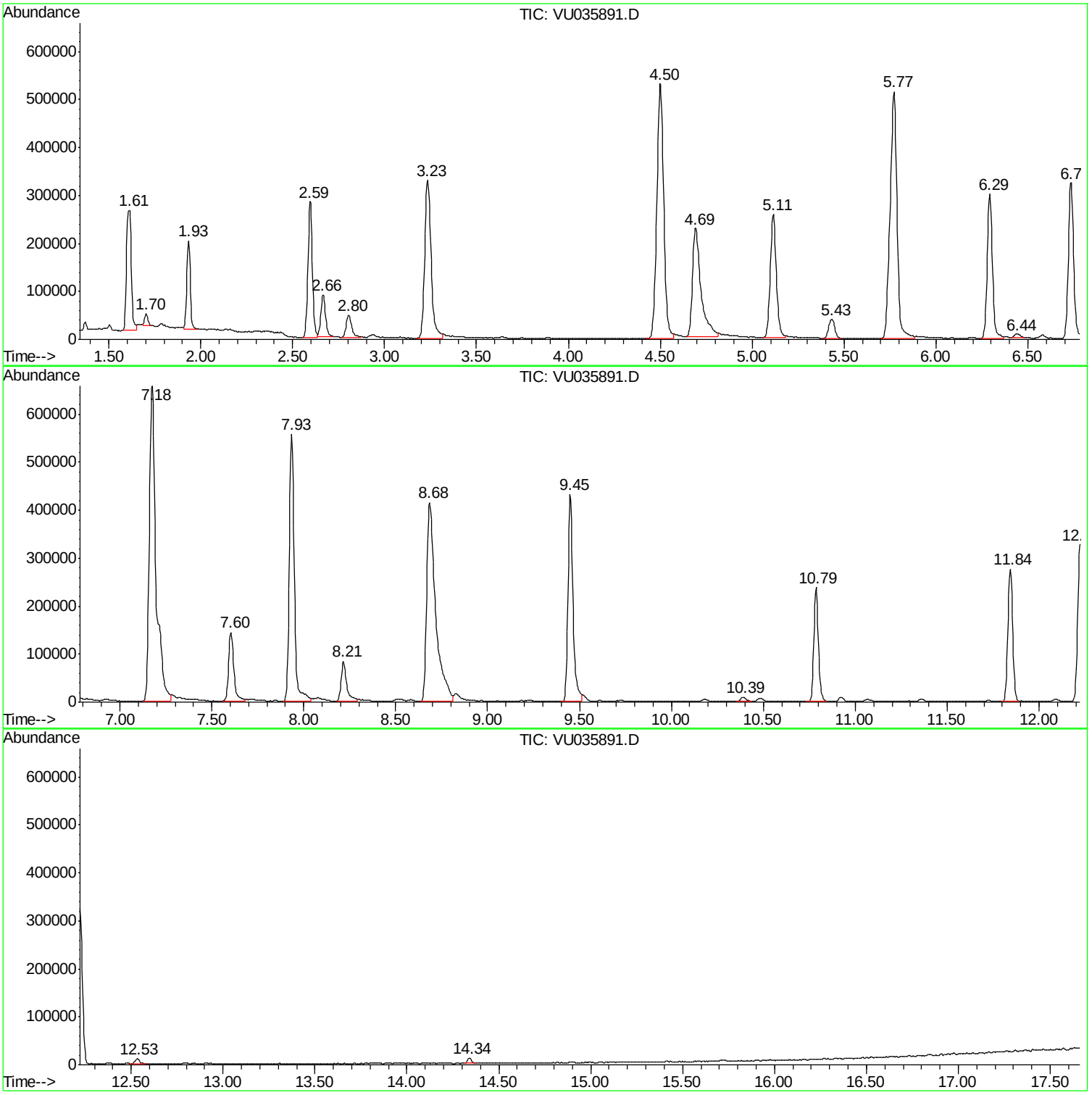
ALS Vial : 10 Sample Multiplier: 1

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



Library Search Compound Report

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Quant Title : TRACE VOA SOM01.0

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

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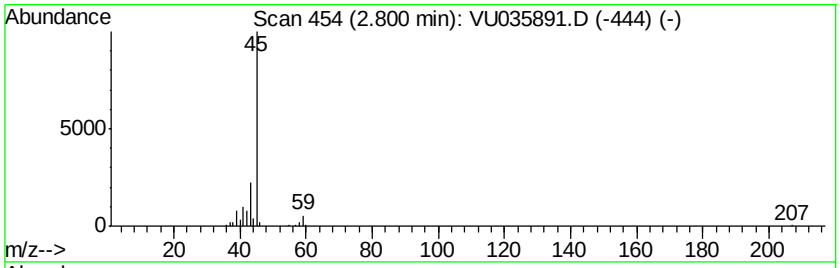
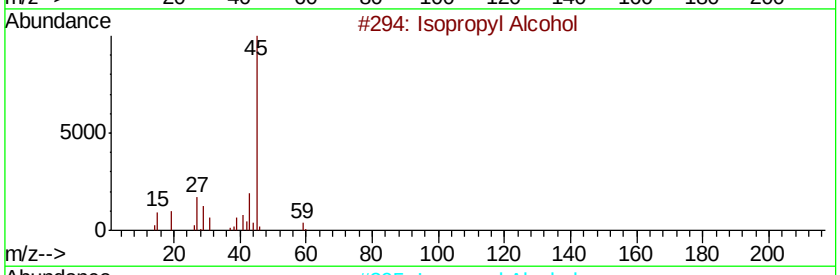
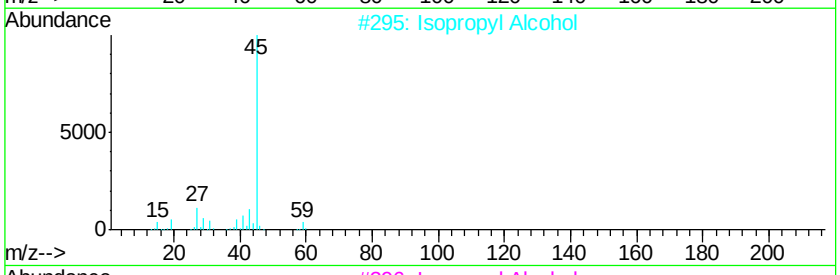
Peak Number 1 Isopropyl Alcohol Concentration Rank 5

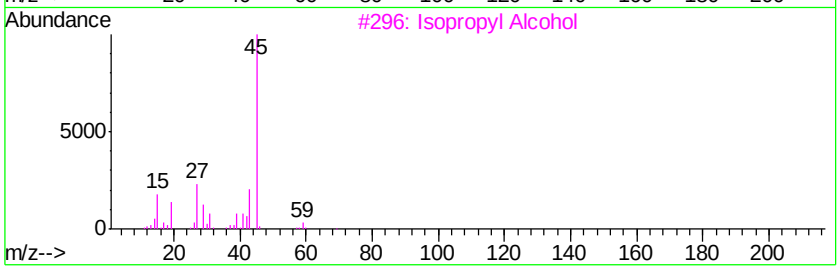
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	0.78 ug/L	93350	1,4-Difluorobenzene	6.29

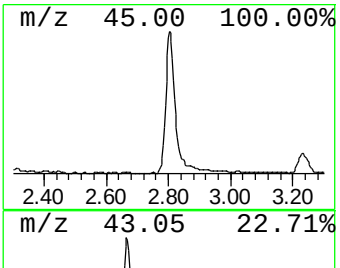
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40

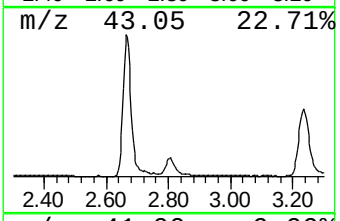


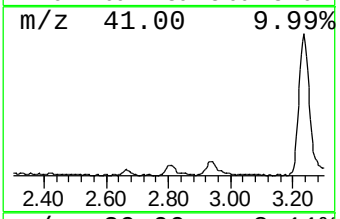


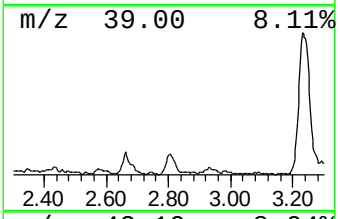


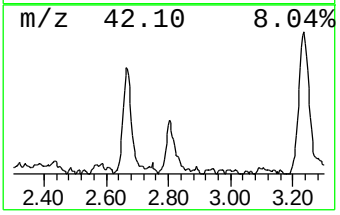












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ClientSampleId : C0AB1

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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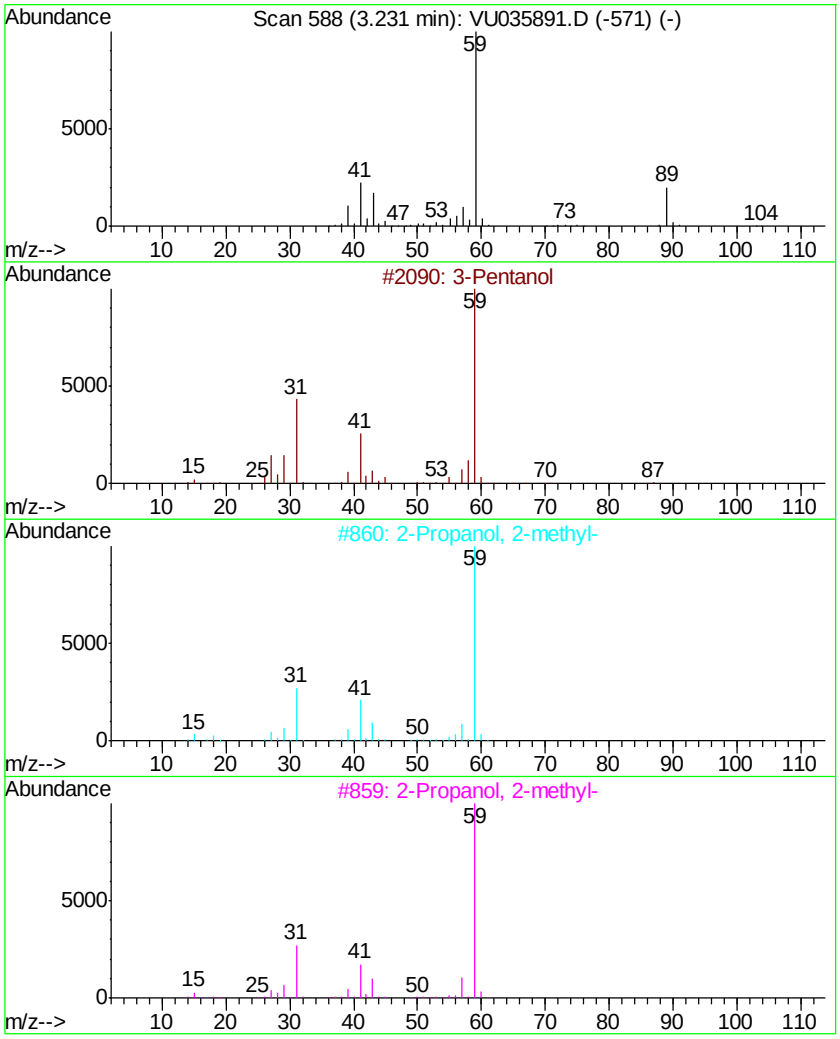
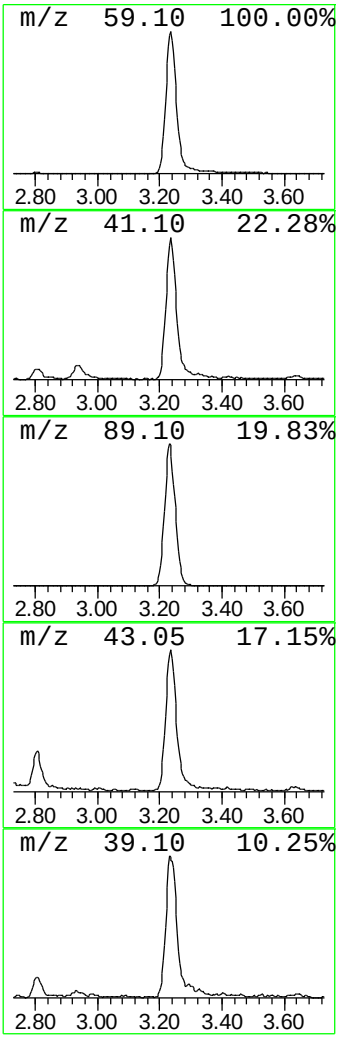
Peak Number 2 3-Pentanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	6.71 ug/L	799030	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	50
4	3-Pentanol	88	C5H12O	000584-02-1	39
5	1,2-Butanediol	90	C4H10O2	000584-03-2	39





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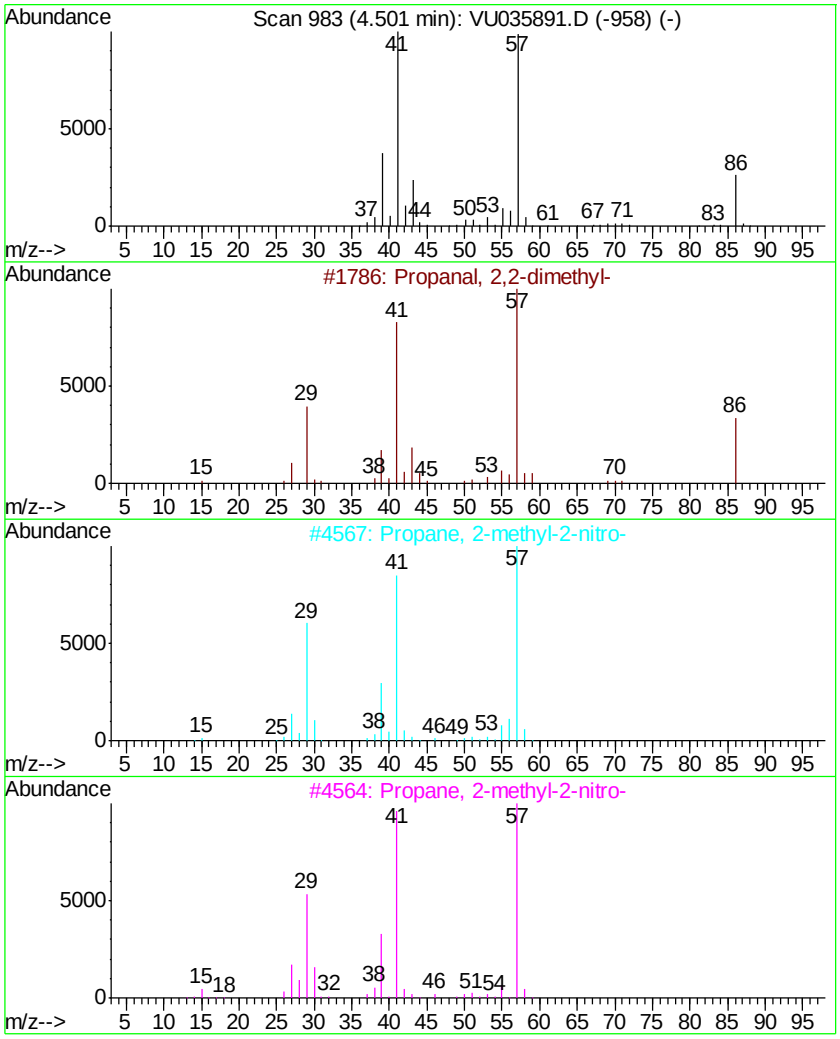
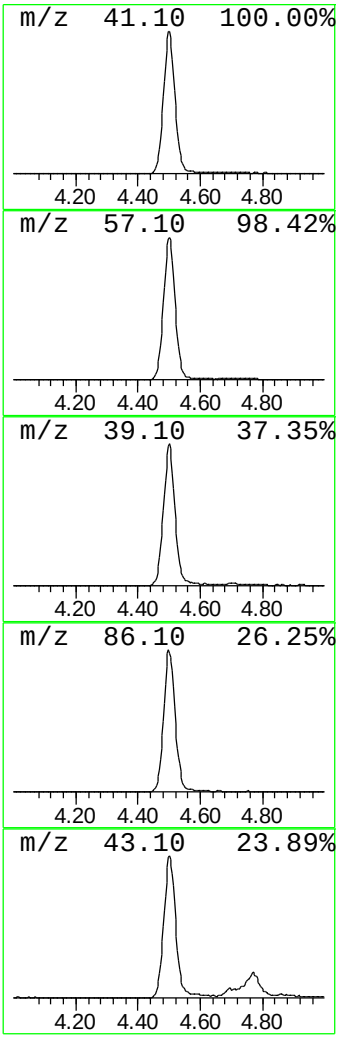
Peak Number 3 Propanal, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	11.71 ug/L	1393540	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	58
2	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	50
3	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	50
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	45
5	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	38





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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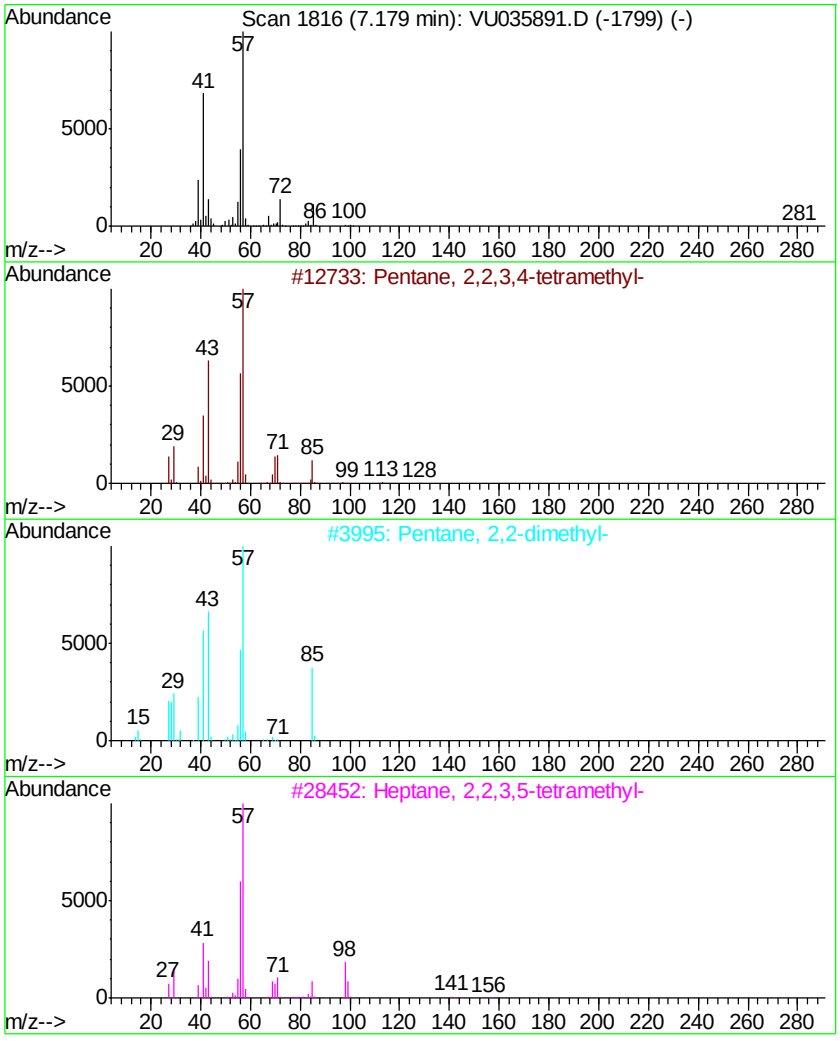
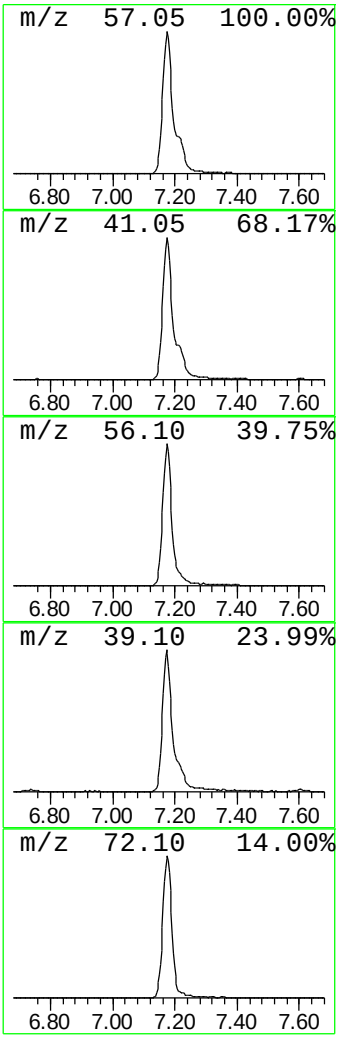
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	13.76 ug/L	1637540	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	45
3	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	45
4	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	45
5	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	42





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.80	0.8	ug/L	93350	1	6.29	594998	5.0
3-Pentanol	3.23	6.7	ug/L	799030	1	6.29	594998	5.0
Propanal, 2,2-dim...	4.50	11.7	ug/L	1393540	1	6.29	594998	5.0
(DEL) Alkane: Str...	7.18	13.8	ug/L	1637540	1	6.29	594998	5.0