LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040078.D
Acq On : 10 Sep 2020 14:08
Operator : SY/MD
Sample : L3963-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y47

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\SOMUTR083120WMA.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	1.607	73	83	96	rVB	50580	59678	11.94%	1.404%
2	1.922	172	181	190	rBV	41101	52520	10.51%	1.236%
3	2.347	302	313	320	rBV3	4475	9206	1.84%	0.217%
4	2.581	373	386	396	rBV	87869	143816	28.77%	3.384%
5	2.646	396	406	419	rVV	49916	89431	17.89%	2.104%
6	2.803	436	455	492	rBV	150229	499904	100.00%	11.761%
7	3.874	775	788	803	rBV6	4631	11821	2.36%	0.278%
8	4.646	1013	1028	1044	rBV	66041	159946	32.00%	3.763%
9	4.822	1071	1083	1105	rVB2	21003	49224	9.85%	1.158%
10	5.083	1150	1164	1182	rBV2	69543	157713	31.55%	3.711%
11	5.742	1348	1369	1387	rBV3	140845	367276	73.47%	8.641%
12	6.263	1516	1531	1547	rBV	155328	293705	58.75%	6.910%
13	6.703	1652	1668	1683	rBV2	91120	176018	35.21%	4.141%
14	6.784	1683	1693	1706	rVB2	6570	13350	2.67%	0.314%
15	7.575	1927	1939	1956	rBV2	45686	79288	15.86%	1.865%
16	7.906	2025	2042	2057	rBV2	160463	274100	54.83%	6.449%
17	8.186	2117	2129	2143	rBV2	29517	51182	10.24%	1.204%
18	8.639	2257	2270	2299	rBV	239694	432794	86.58%	10.183%
19	8.922	2346	2358	2373	rVB2	9396	17810	3.56%	0.419%
20	9.420	2496	2513	2527	rBV	238083	388728	77.76%	9.146%
21	10.237	2756	2767	2783	rBV	50317	85344	17.07%	2.008%
22	10.755	2911	2928	2944	rBV	69787	118322	23.67%	2.784%
23	11.044	3009	3018	3029	rBV5	3802	6501	1.30%	0.153%
24	11.806	3244	3255	3271	rVB	228161	366614	73.34%	8.626%
25	12.054	3319	3332	3347	rBV2	33974	58797	11.76%	1.383%
26	12.189	3362	3374	3390	rVB	168138	274114	54.83%	6.449%
27	12.767	3544	3554	3563	rBV4	8383	13147	2.63%	0.309%

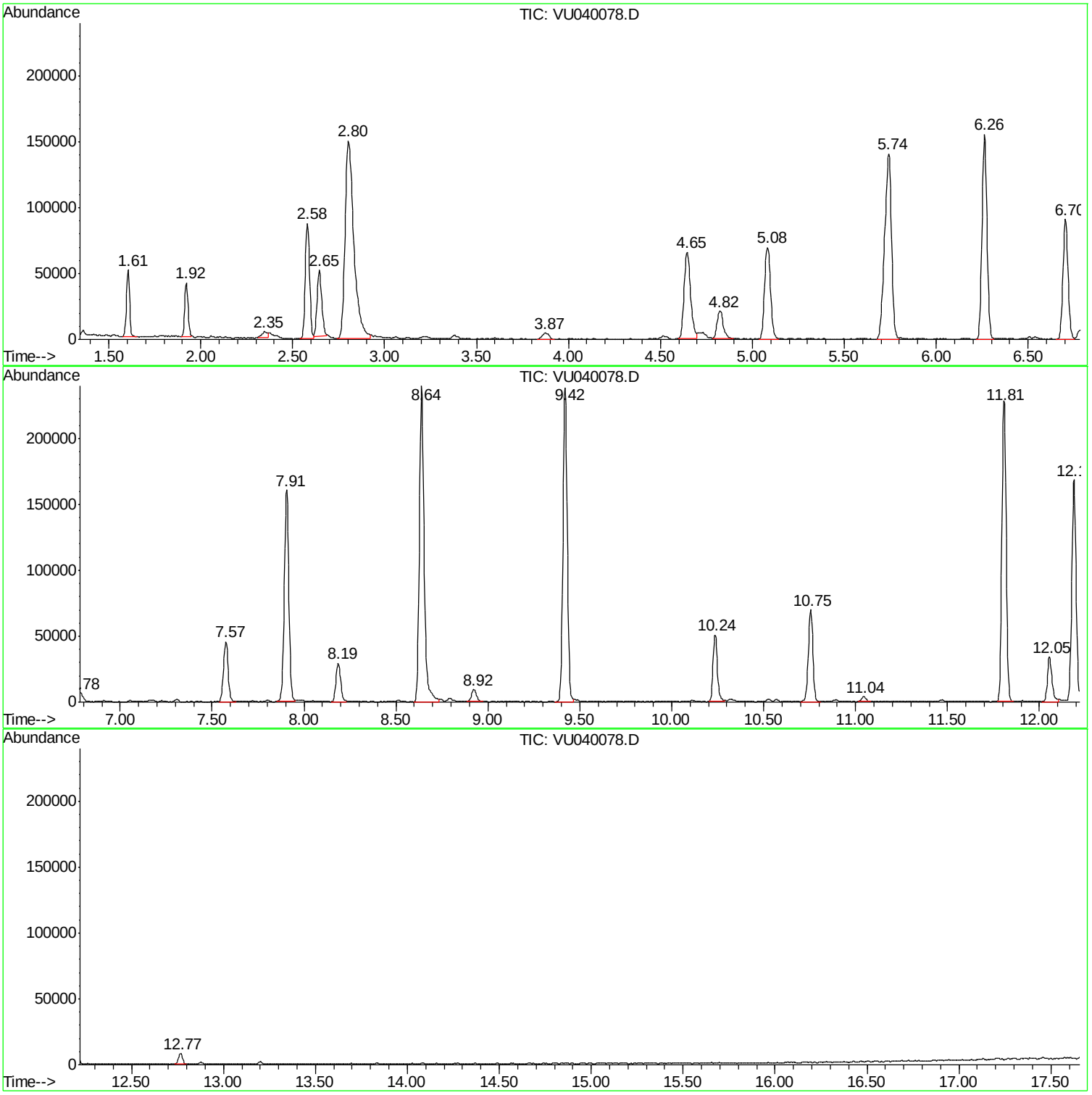
Sum of corrected areas: 4250349

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040078.D
Acq On : 10 Sep 2020 14:08
Operator : SY/MD
Sample : L3963-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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\VU091020\
Data File : VU040078.D
Acq On : 10 Sep 2020 14:08
Operator : SY/MD
Sample : L3963-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

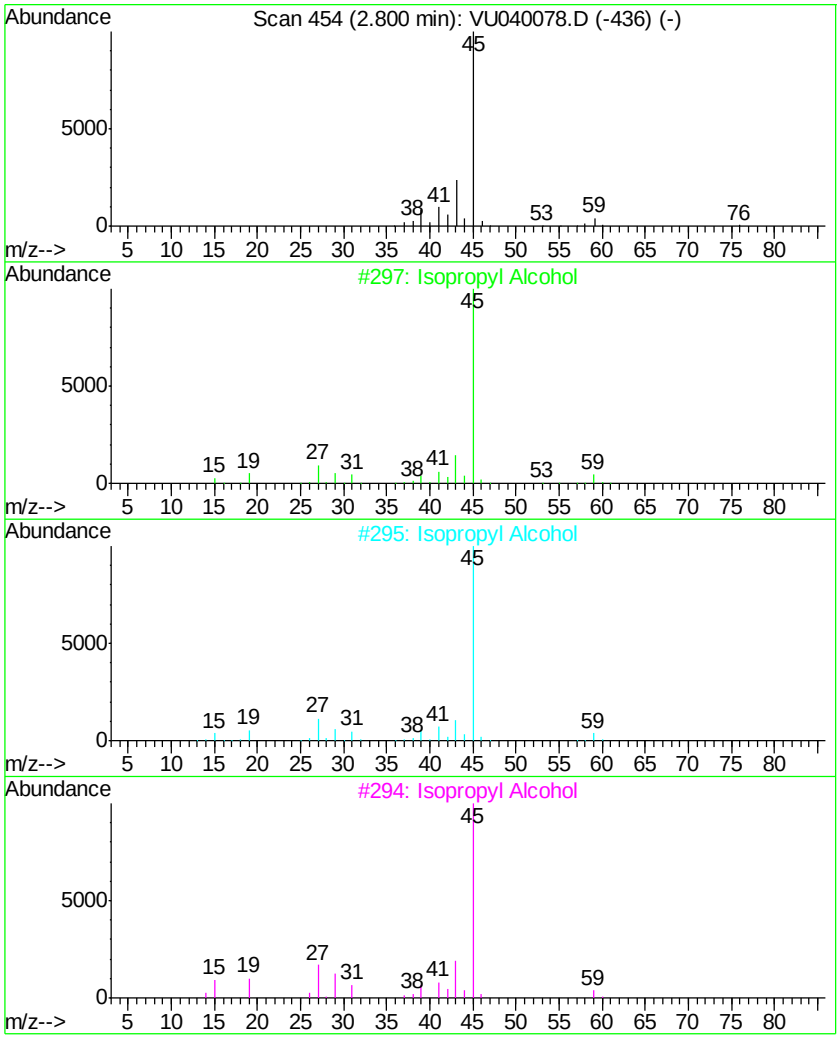
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

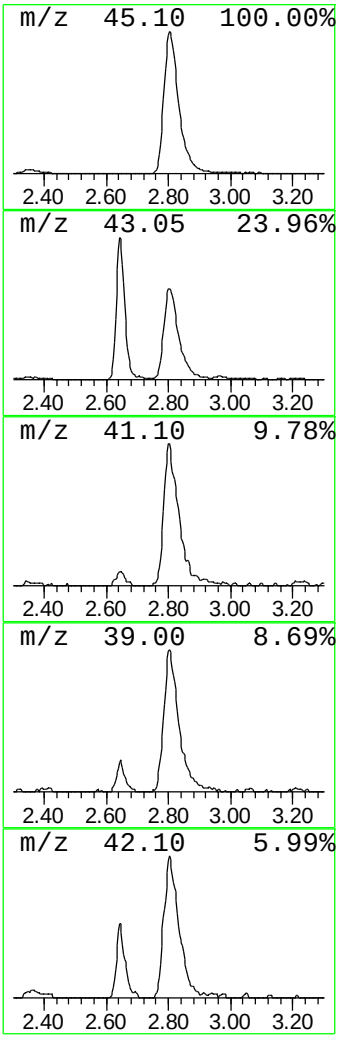
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	8.51 ug/L	499904	1,4-Difluorobenzene	6.26

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	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040078.D
Acq On : 10 Sep 2020 14:08
Operator : SY/MD
Sample : L3963-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

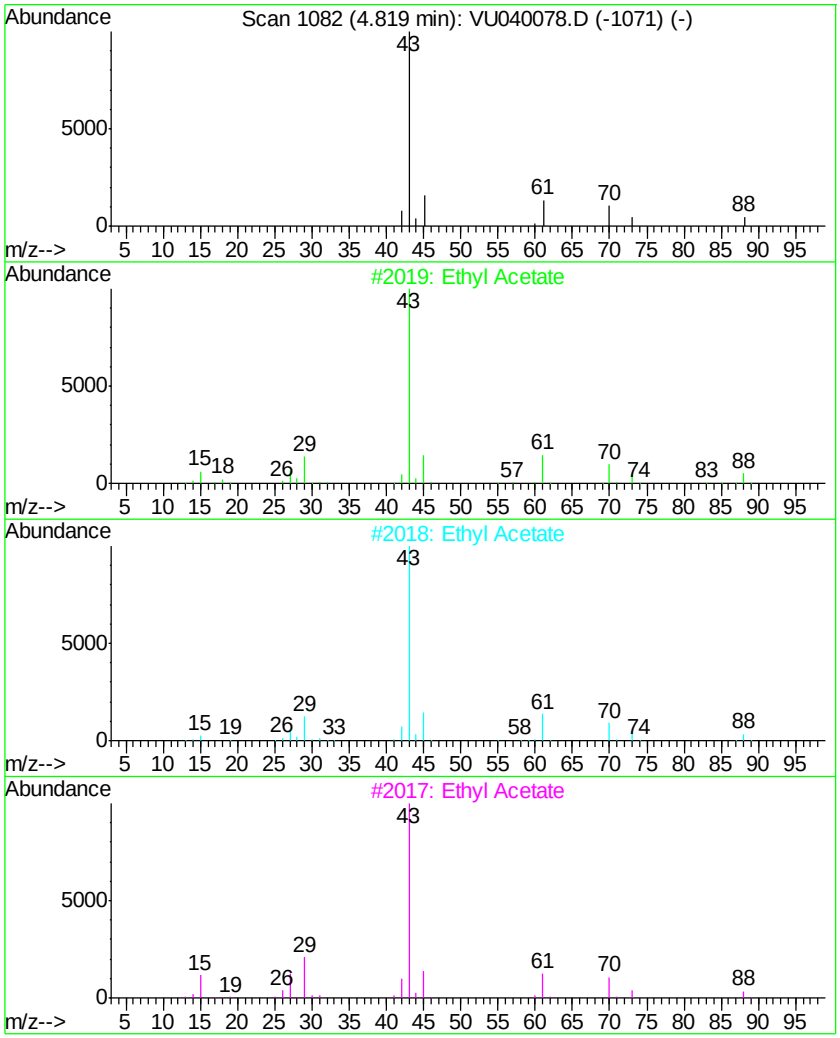
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

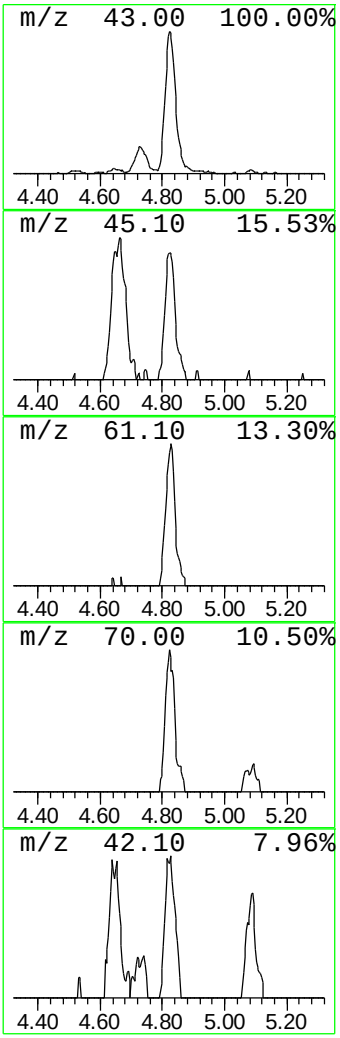
****

Peak Number 2 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	0.84 ug/L	49224	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040078.D
Acq On : 10 Sep 2020 14:08
Operator : SY/MD
Sample : L3963-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

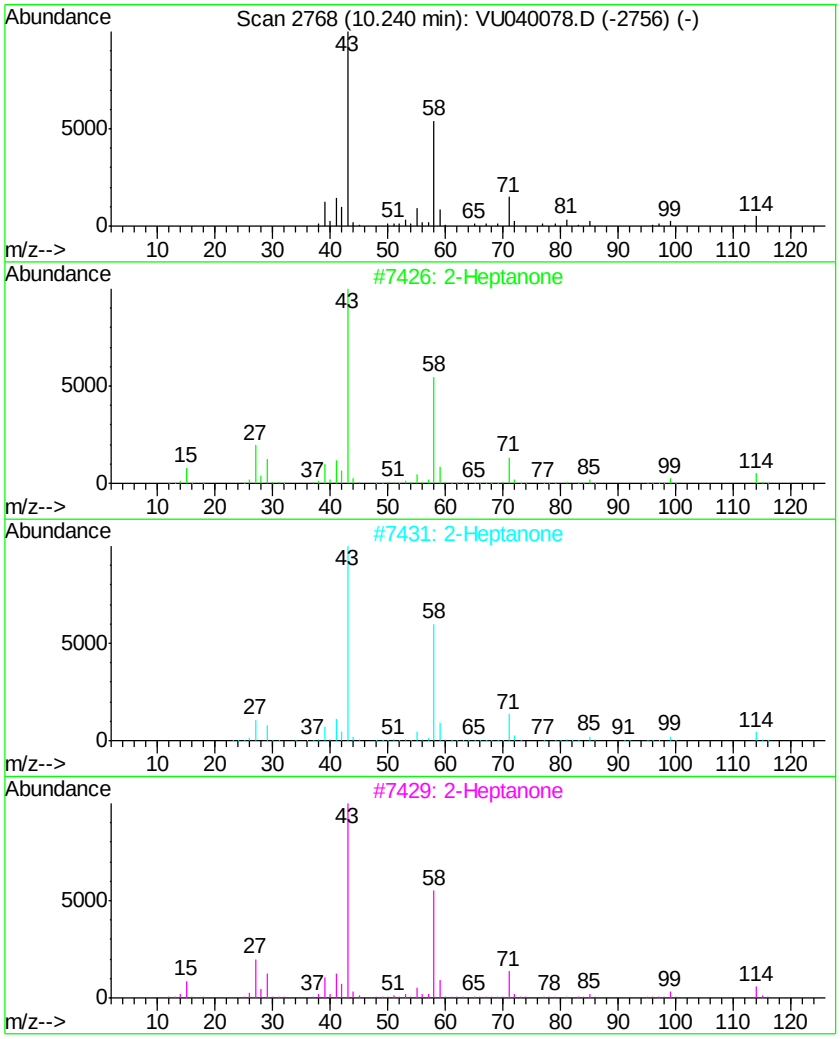
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

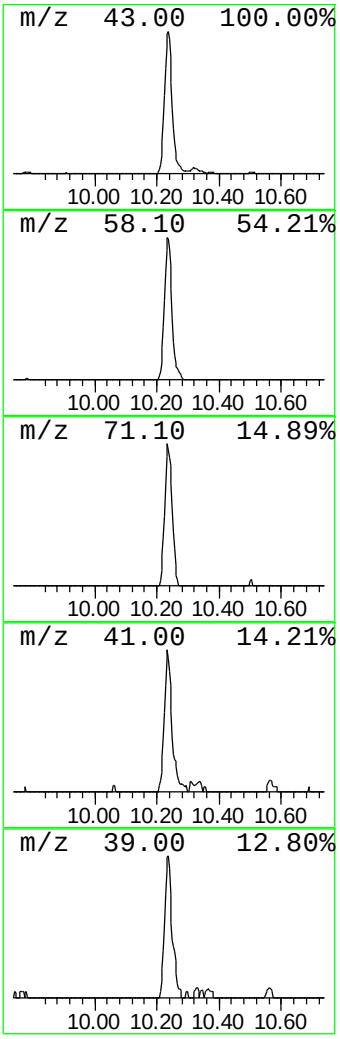
****

Peak Number 4 2-Heptanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	1.10 ug/L	85344	Chlorobenzene-d5	9.42

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	90
3	2-Heptanone	114	C7H14O	000110-43-0	90
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	86
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040078.D
Acq On : 10 Sep 2020 14:08
Operator : SY/MD
Sample : L3963-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

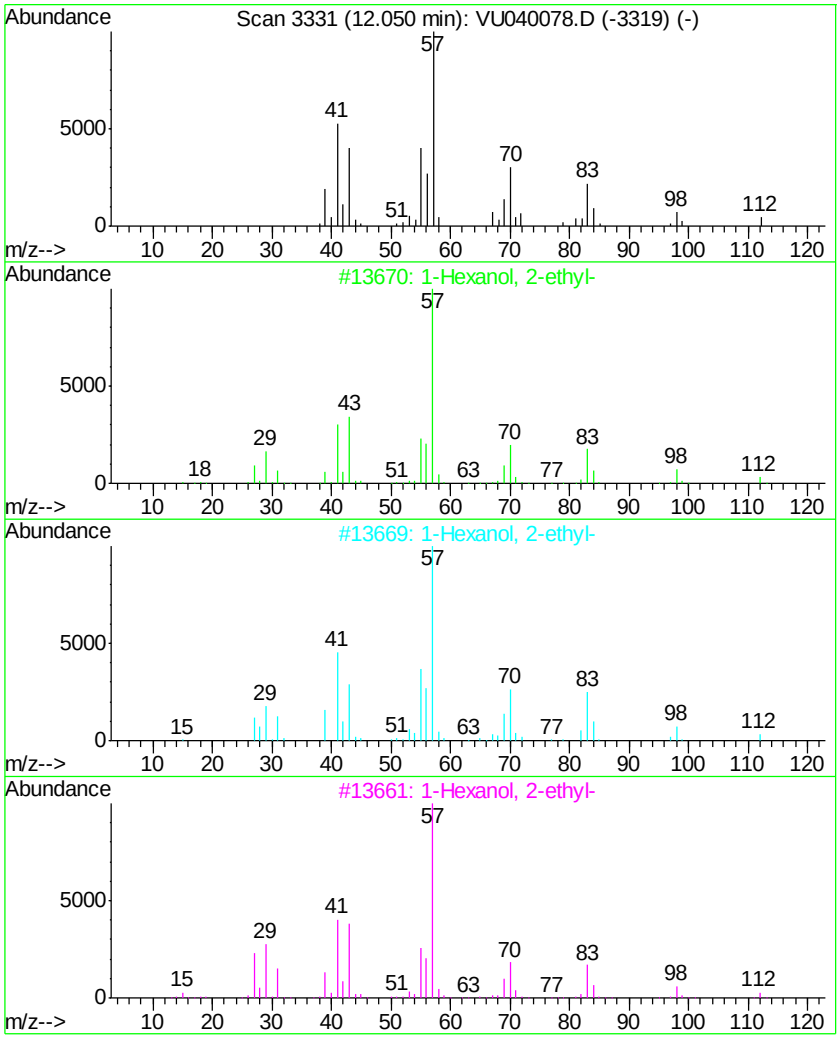
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

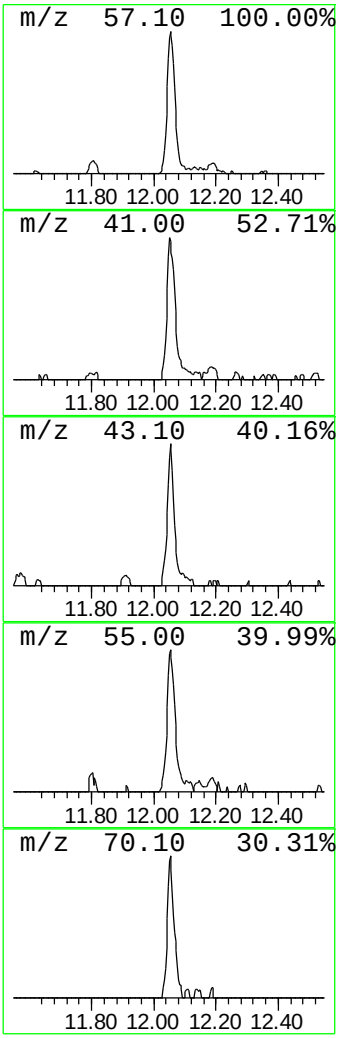
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.80 ug/L	58797	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040078.D
Acq On : 10 Sep 2020 14:08
Operator : SY/MD
Sample : L3963-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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
Isopropyl Alcohol	2.80	8.5	ug/L	499904	1	6.26	293705	5.0
Ethyl Acetate	4.82	0.8	ug/L	49224	1	6.26	293705	5.0
2-Heptanone	10.24	1.1	ug/L	85344	2	9.42	388728	5.0
1-Hexanol, 2-ethyl-	12.05	0.8	ug/L	58797	3	11.81	366614	5.0