LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056271.D
Acq On : 13 Nov 2023 23:19
Operator : MD/SY
Sample : 05371-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDN9

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\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU056271.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.489	56	62	66	rBV	27537	26409	1.71%	0.229%
2	1.518	66	71	82	rVB	13840	16956	1.10%	0.147%
3	1.599	86	96	105	rBV	111870	131952	8.56%	1.145%
4	1.911	184	193	210	rVB	88947	135686	8.80%	1.177%
5	2.451	352	361	376	rVB	60996	104661	6.79%	0.908%
6	2.563	383	396	407	rBV	188596	330666	21.44%	2.869%
7	2.631	407	417	448	rVB	139328	301693	19.56%	2.617%
8	2.821	453	476	478	rBV	32307	76231	4.94%	0.661%
9	3.039	525	544	558	rVB9	16399	47441	3.08%	0.412%
10	4.621	1019	1036	1057	rBV	113772	353213	22.90%	3.064%
11	5.055	1156	1171	1197	rBV	166591	385394	24.99%	3.343%
12	5.721	1358	1378	1416	rBV2	326320	916179	59.41%	7.948%
13	6.245	1528	1541	1575	rBV	385800	755847	49.01%	6.557%
14	6.537	1617	1632	1663	rBV	810168	1542136	100.00%	13.378%
15	6.685	1664	1678	1699	rVV	201532	402087	26.07%	3.488%
16	6.785	1699	1709	1727	rVB4	9169	21618	1.40%	0.188%
17	7.161	1813	1826	1841	rBV2	30657	60519	3.92%	0.525%
18	7.563	1939	1951	1968	rBV	98606	179603	11.65%	1.558%
19	7.894	2041	2054	2080	rBV	390302	705453	45.75%	6.120%
20	8.177	2131	2142	2158	rBV	55373	100394	6.51%	0.871%
21	8.547	2244	2257	2272	rBV	351229	603366	39.13%	5.234%
22	8.631	2272	2283	2316	rVV	424908	837025	54.28%	7.261%
23	8.788	2324	2332	2349	rVB4	15205	29661	1.92%	0.257%
24	9.412	2514	2526	2553	rBV	540840	943579	61.19%	8.186%
25	10.100	2731	2740	2745	rBV	9987	16460	1.07%	0.143%
26	10.344	2808	2816	2827	rBV3	12180	22327	1.45%	0.194%
27	10.750	2929	2942	2958	rBV	143627	237298	15.39%	2.059%
28	11.290	3100	3110	3124	rVB2	29018	47388	3.07%	0.411%
29	11.688	3224	3234	3243	rBV7	11502	19905	1.29%	0.173%
30	11.807	3258	3271	3290	rBV	525333	868861	56.34%	7.537%
31	11.888	3290	3296	3307	rVB3	24326	38163	2.47%	0.331%
32	12.061	3338	3350	3375	rBV3	63715	164929	10.69%	1.431%
33	12.187	3378	3389	3405	rVB	371985	624654	40.51%	5.419%
34	12.309	3419	3427	3441	rVB	18782	32283	2.09%	0.280%
35	12.566	3499	3507	3515	rBV2	11422	16116	1.05%	0.140%
36	12.679	3529	3542	3555	rBV2	23415	44892	2.91%	0.389%

LSC Area Percent Report

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Sample : 05371-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDN9

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\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

37	12.746	3556	3563	3572	rVB5	12198	17539	1.14%	0.152%
38	12.881	3594	3605	3614	rBV7	17575	32416	2.10%	0.281%
39	12.968	3624	3632	3639	rBV2	17892	25665	1.66%	0.223%
40	13.020	3640	3648	3662	rVB	33703	53552	3.47%	0.465%
41	13.444	3767	3780	3792	rBV	36577	57791	3.75%	0.501%
42	13.518	3792	3803	3819	rVB3	33921	54246	3.52%	0.471%
43	13.624	3825	3836	3849	rBV2	52206	86726	5.62%	0.752%
44	14.209	4007	4018	4028	rBV	11117	18295	1.19%	0.159%
45	15.408	4381	4391	4405	rBV2	22864	40008	2.59%	0.347%

Sum of corrected areas: 11527283

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MSVOA_U
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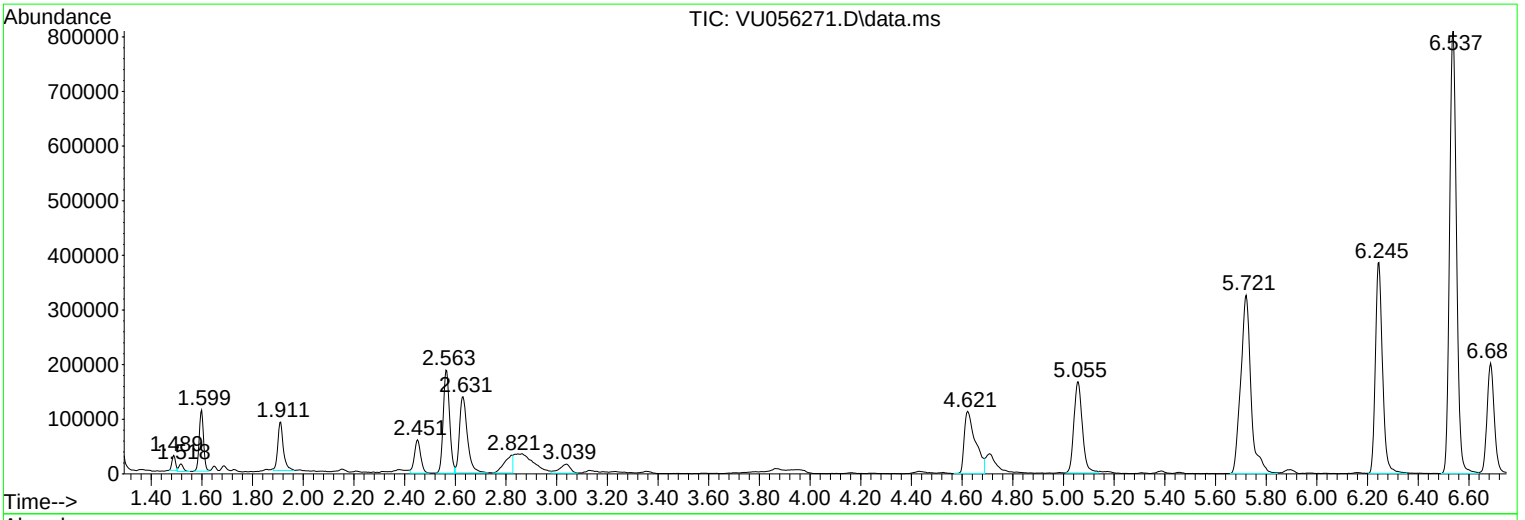
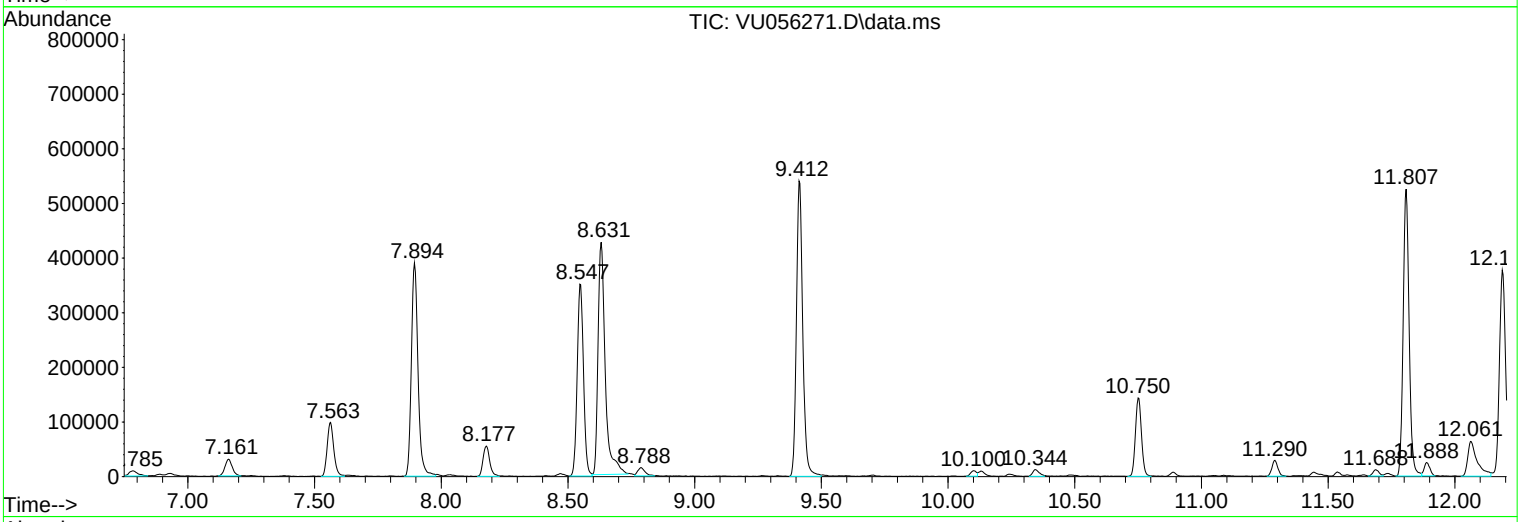
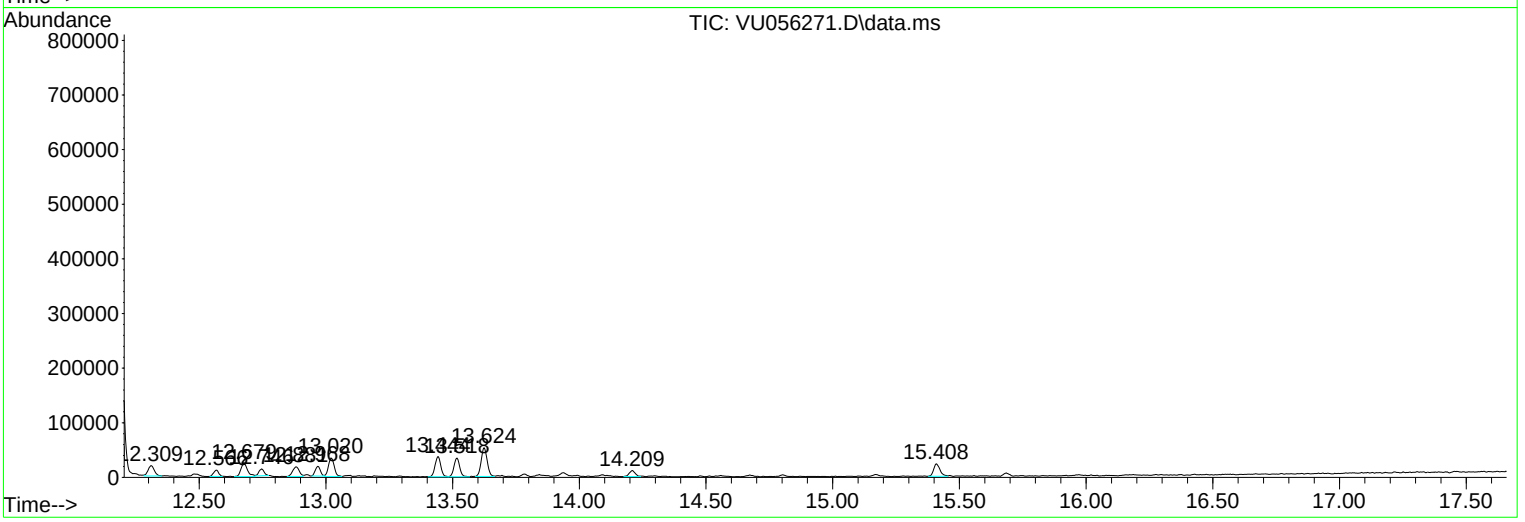
GCDN9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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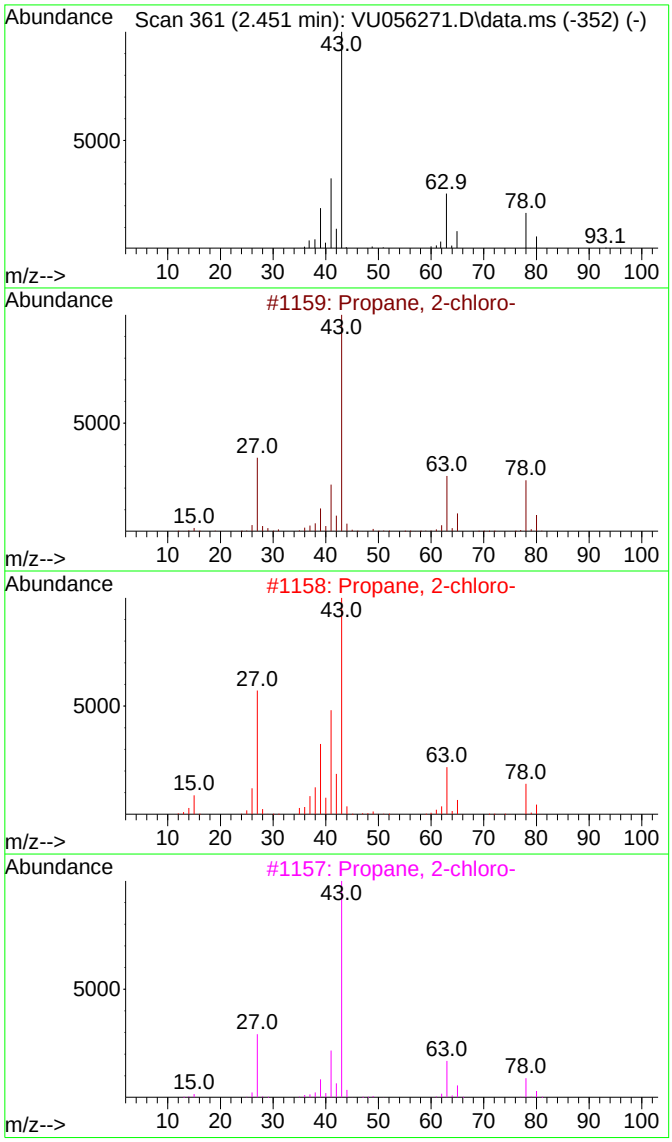
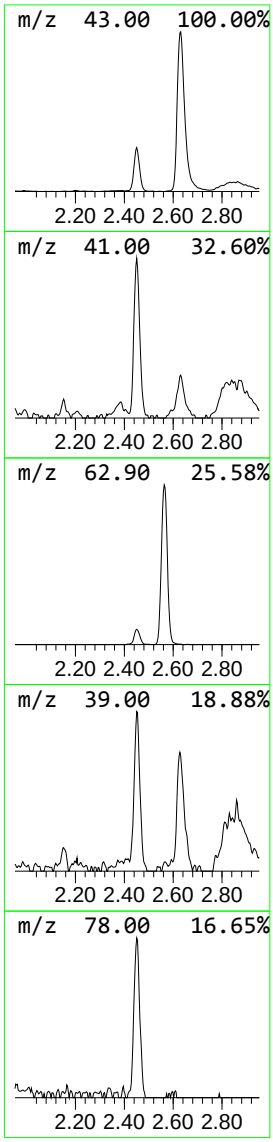
Peak Number 1 Propane, 2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.451	0.69 ug/L	104661	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	91
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	58
4	2-Bromo-6-cyano-4-nitrophenyl ac...	284	C9H5BrN2O4	1000410-38-2	9
5	1-Chloro-2-methylpropyl chlorofo...	170	C5H8Cl2O2	092600-11-8	9





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDN9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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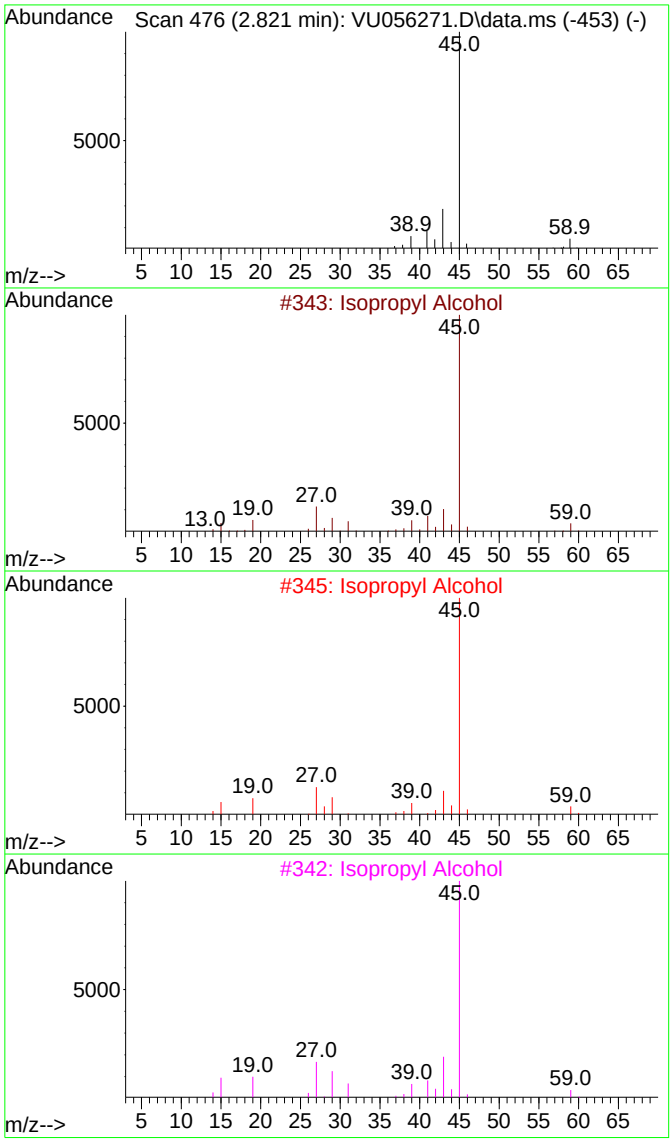
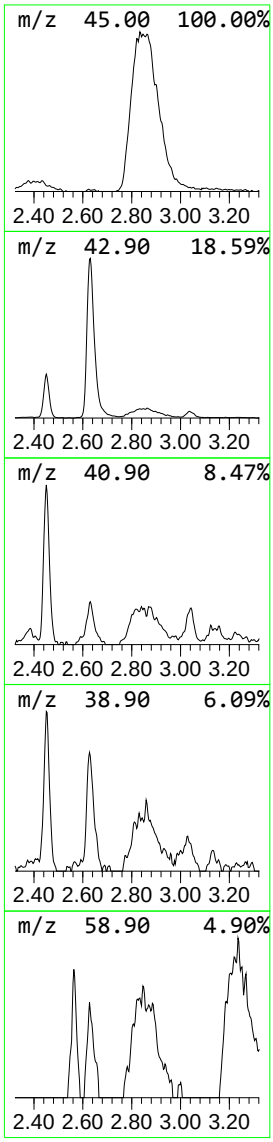
Peak Number 2 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.821	0.50 ug/L	76231	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	40





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDN9

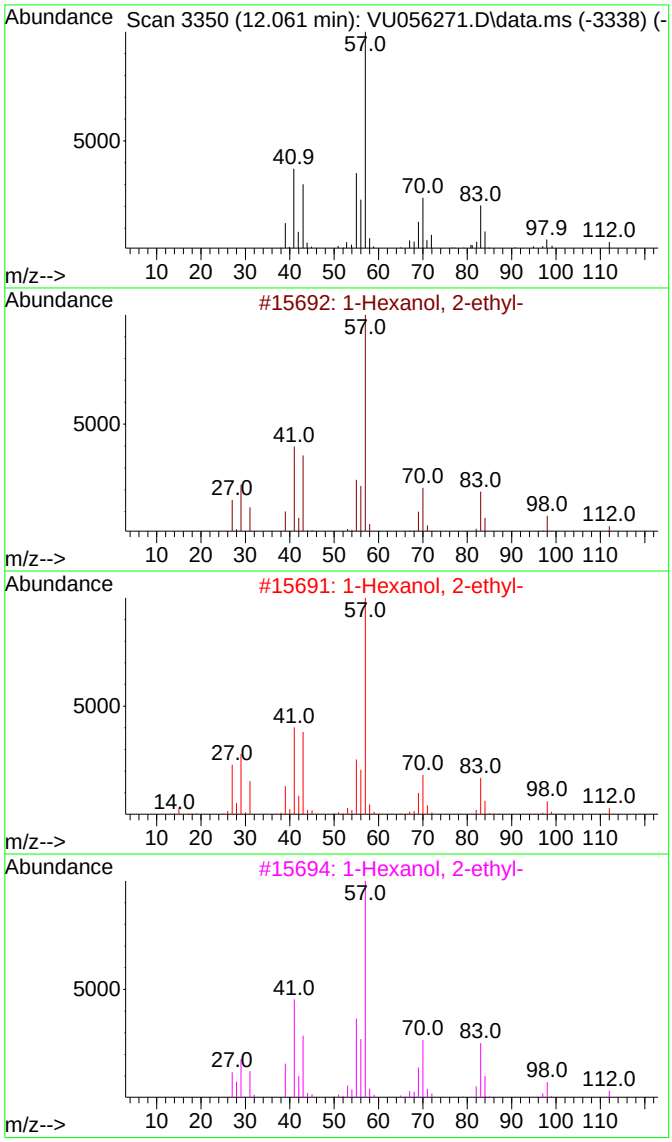
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

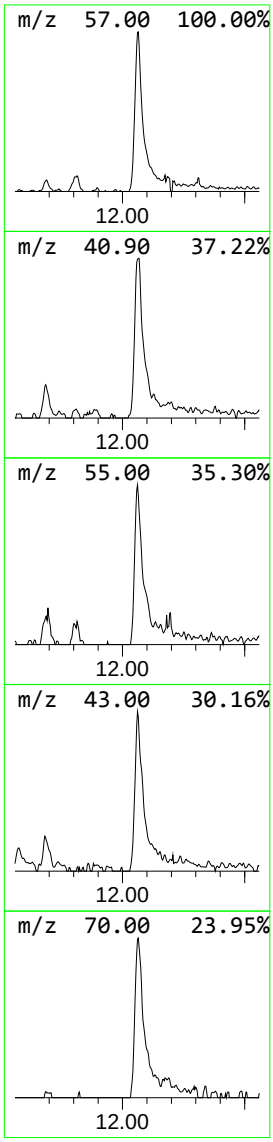
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	0.95 ug/L	164929	1,4-Dichlorobenzene-d4	11.807

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	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2-chloro-	2.451	0.7	ug/L	104661	1	6.245	755847	5.0
Isopropyl Alcohol	2.821	0.5	ug/L	76231	1	6.245	755847	5.0
1-Hexanol, 2-et...	12.061	0.9	ug/L	164929	3	11.807	868861	5.0