LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU101920\
Data File : VU040806.D
Acq On : 19 Oct 2020 15:41
Operator : SY/MD
Sample : L4423-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG1B0

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\SOMUTR100820WMA.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	1.527	47	58	74	rBV2	18065	54506	7.84%	1.255%
2	1.604	76	82	91	rVB	49695	58269	8.38%	1.342%
3	1.925	173	182	193	rVB	48677	60757	8.74%	1.399%
4	2.469	341	351	362	rVB	20330	34247	4.92%	0.789%
5	2.581	374	386	400	rBV	85515	140442	20.20%	3.234%
6	2.658	400	410	432	rVB3	9017	25991	3.74%	0.599%
7	3.597	686	702	716	rBV3	9427	20945	3.01%	0.482%
8	4.655	1013	1031	1066	rBV	89683	283611	40.78%	6.532%
9	4.826	1074	1084	1103	rVB2	14818	34091	4.90%	0.785%
10	5.083	1148	1164	1185	rBV2	91737	205532	29.55%	4.733%
11	5.742	1347	1369	1390	rBV2	163194	439898	63.26%	10.131%
12	6.170	1488	1502	1517	rBV3	8043	18958	2.73%	0.437%
13	6.263	1517	1531	1549	rVV	155911	293795	42.25%	6.766%
14	6.703	1653	1668	1685	rBV2	116296	225250	32.39%	5.188%
15	7.179	1797	1816	1831	rVB5	6683	15553	2.24%	0.358%
16	7.575	1924	1939	1954	rBV	50582	91311	13.13%	2.103%
17	7.726	1974	1986	1995	rVB4	14174	25754	3.70%	0.593%
18	7.906	2028	2042	2059	rBV	170165	291775	41.96%	6.720%
19	8.186	2112	2129	2142	rBV2	36144	60028	8.63%	1.382%
20	8.642	2253	2271	2309	rBV	371795	695429	100.00%	16.016%
21	8.790	2309	2317	2327	rVB6	6359	10179	1.46%	0.234%
22	9.420	2500	2513	2541	rBV	241342	399719	57.48%	9.206%
23	10.755	2917	2928	2945	rBV	104924	167282	24.05%	3.853%
24	11.806	3243	3255	3269	rBV	210381	337145	48.48%	7.765%
25	12.060	3323	3334	3346	rBV3	14283	28270	4.07%	0.651%
26	12.189	3362	3374	3387	rBV	200395	323336	46.49%	7.447%

Sum of corrected areas: 4342073

LSC Report - Integrated Chromatogram

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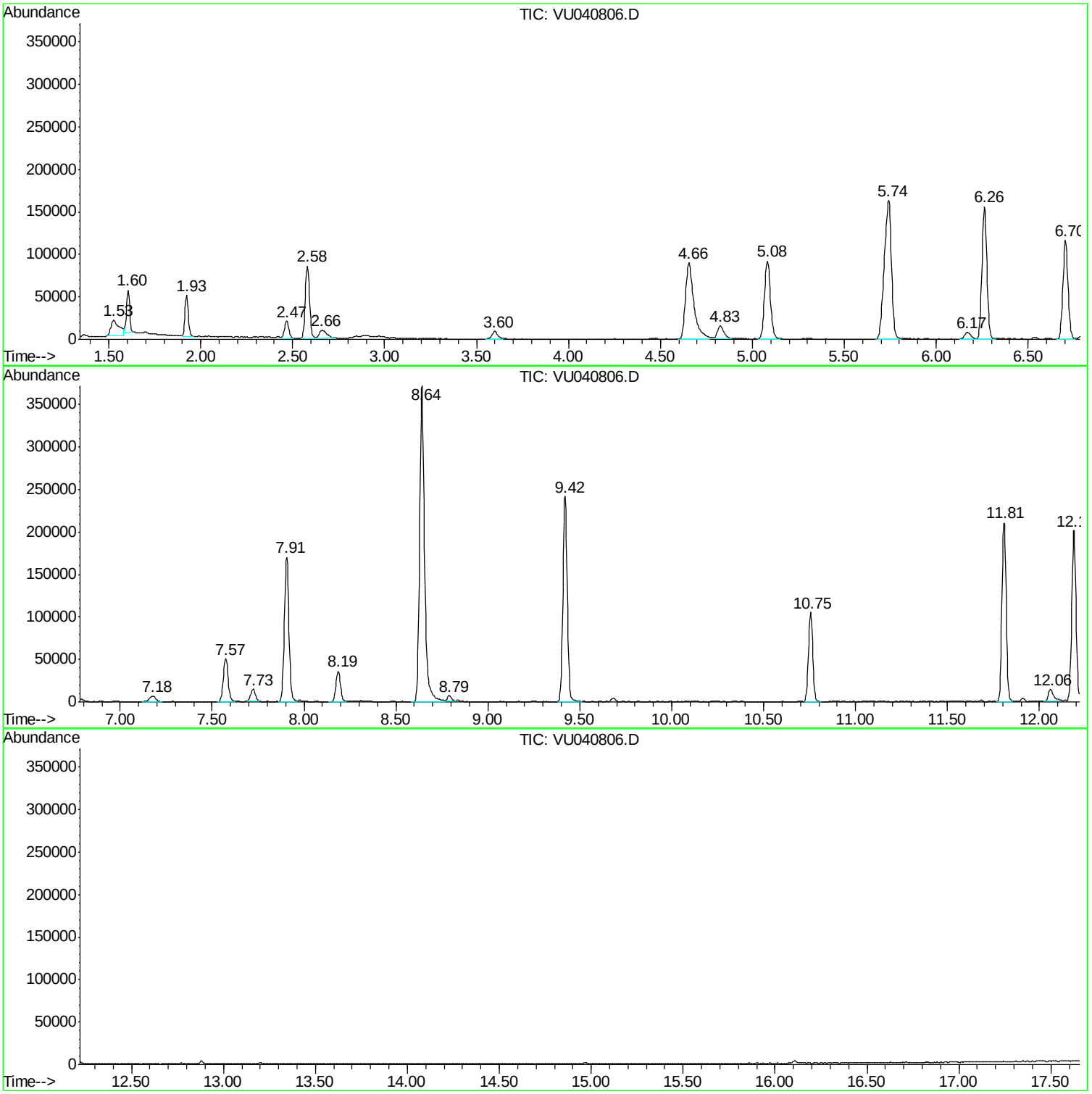
Instrument : MSVOA_U
ClientSampleId : BG1B0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.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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Data File : VU040806.D
Acq On : 19 Oct 2020 15:41
Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG1B0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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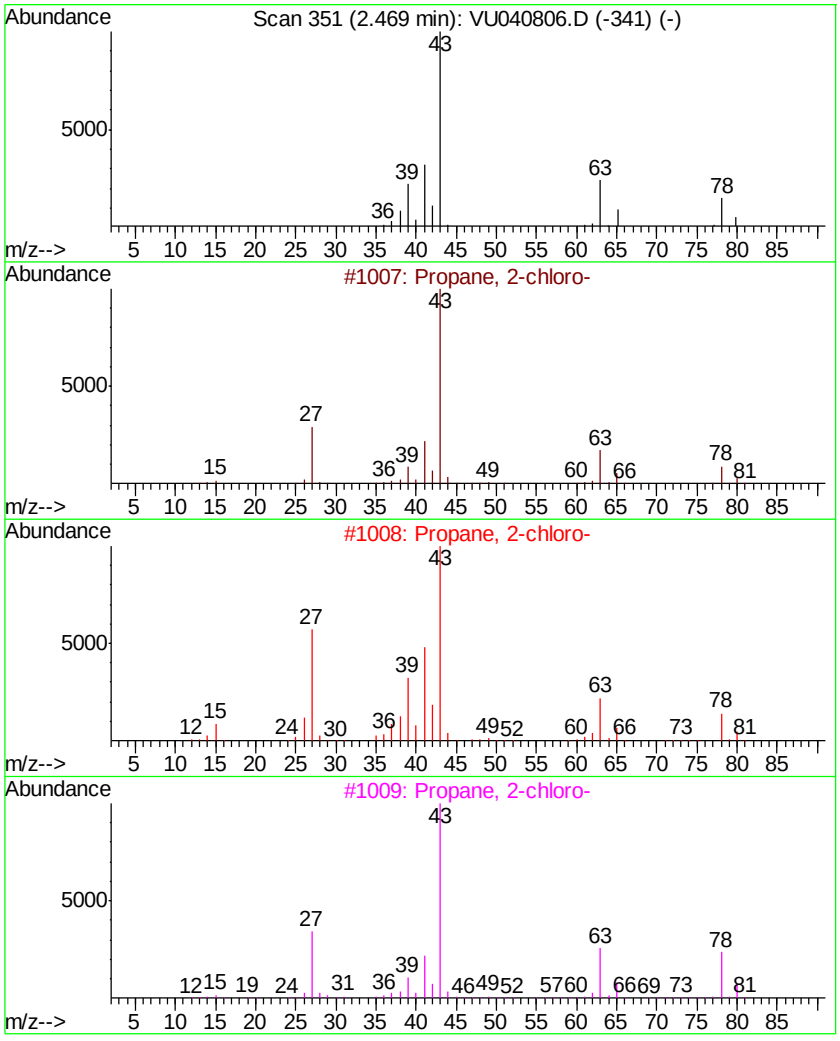
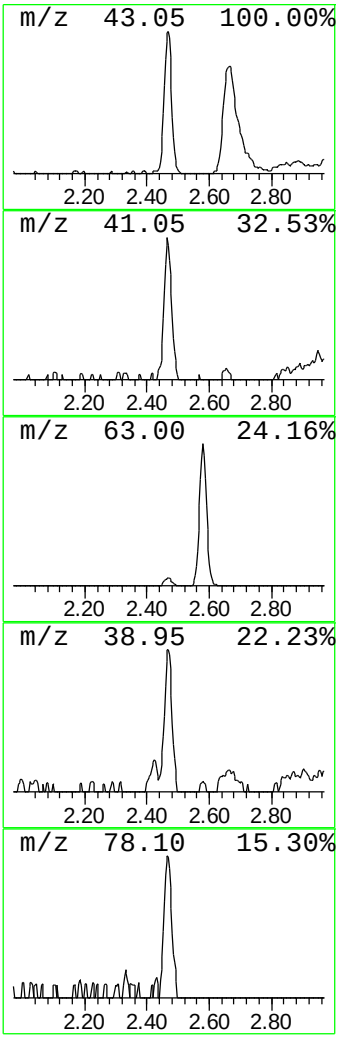
Peak Number 1 Propane, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.58 ug/L	34247	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	72
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	45
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	42
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	4
5	Isobutyl chloroformate	136	C5H9ClO2	000543-27-1	4





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Instrument : MSVOA_U
ClientSampleId : BG1B0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

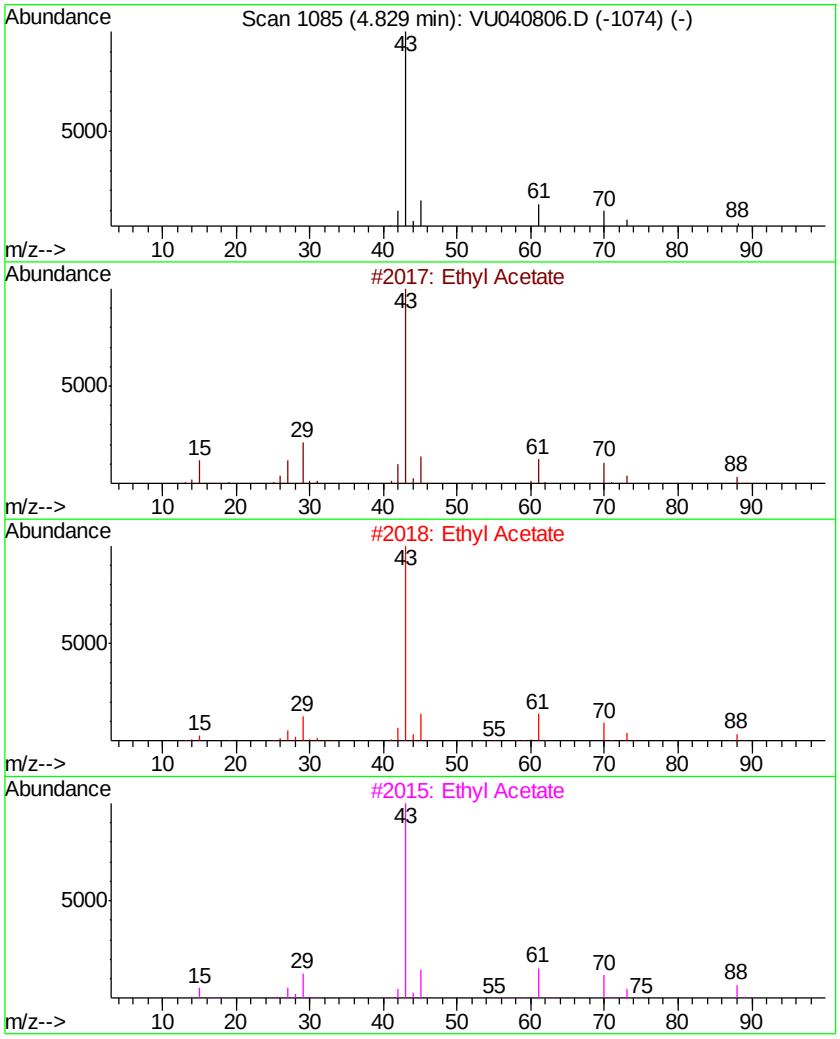
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

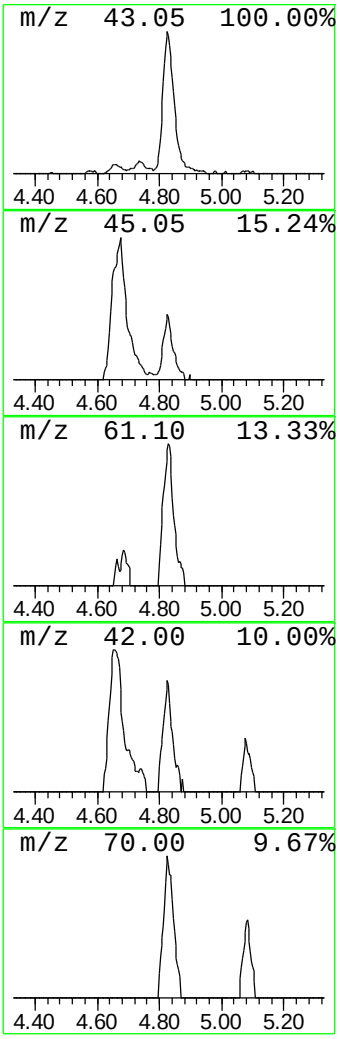
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.58 ug/L	34091	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	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	74
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45





Tentatively Identified Compound (LSC) summary

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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
Propane, 2-chloro-	2.47	0.6	ug/L	34247	1	6.26	293795	5.0
Ethyl Acetate	4.83	0.6	ug/L	34091	1	6.26	293795	5.0