LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082020\
Data File : VN063043.D
Acq On : 20 Aug 2020 18:01
Operator : JC/MD
Sample : L3723-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MANHOLE

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_N\METHODS\624N082020W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.793	3	6	17	rVB	31242	34248	7.41%	1.503%
2	2.285	152	159	173	rVB	10142	14939	3.23%	0.655%
3	2.423	194	202	214	rVB7	6669	13287	2.87%	0.583%
4	3.252	444	460	473	rBV2	2817	7366	1.59%	0.323%
5	3.664	576	588	603	rVB2	3464	7906	1.71%	0.347%
6	3.783	610	625	648	rBV2	25077	65444	14.15%	2.871%
7	4.024	684	700	726	rBV2	22415	67236	14.54%	2.950%
8	4.500	836	848	862	rVB4	2436	6769	1.46%	0.297%
9	5.362	1095	1116	1141	rBV4	23424	80356	17.38%	3.525%
10	7.153	1654	1673	1701	rVB2	76979	206743	44.71%	9.070%
11	7.329	1714	1728	1745	rVB	17880	44803	9.69%	1.966%
12	7.989	1917	1933	1953	rBV2	76889	180067	38.94%	7.900%
13	8.551	2092	2108	2135	rBV	161365	334318	72.30%	14.668%
14	9.374	2352	2364	2376	rBV2	10271	19422	4.20%	0.852%
15	9.863	2507	2516	2525	rBV4	2707	5019	1.09%	0.220%
16	10.062	2563	2578	2594	rBV	251416	462405	100.00%	20.287%
17	10.879	2822	2832	2840	rVB3	5494	9227	2.00%	0.405%
18	11.381	2974	2988	3009	rBV	227696	395822	85.60%	17.366%
19	11.754	3093	3104	3117	rBV	17283	30144	6.52%	1.323%
20	12.378	3287	3298	3320	rVB	143067	245284	53.05%	10.761%
21	13.429	3615	3625	3644	rBV	18848	36402	7.87%	1.597%
22	13.799	3732	3740	3754	rVB2	3253	5337	1.15%	0.234%
23	13.995	3790	3801	3810	rBV3	3430	6749	1.46%	0.296%

Sum of corrected areas: 2279293

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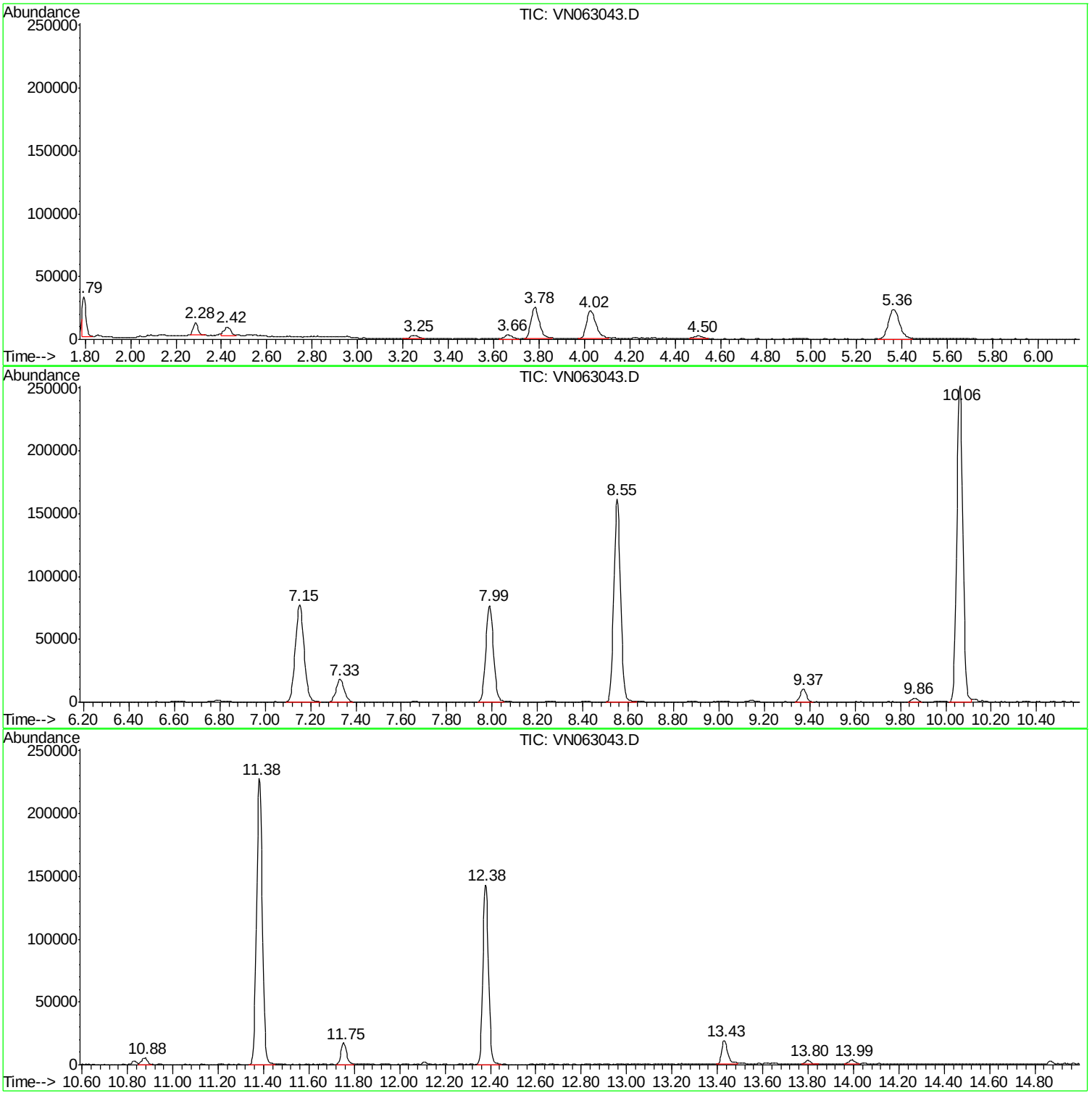
Instrument : MSVOA_N
ClientSampleId : MANHOLE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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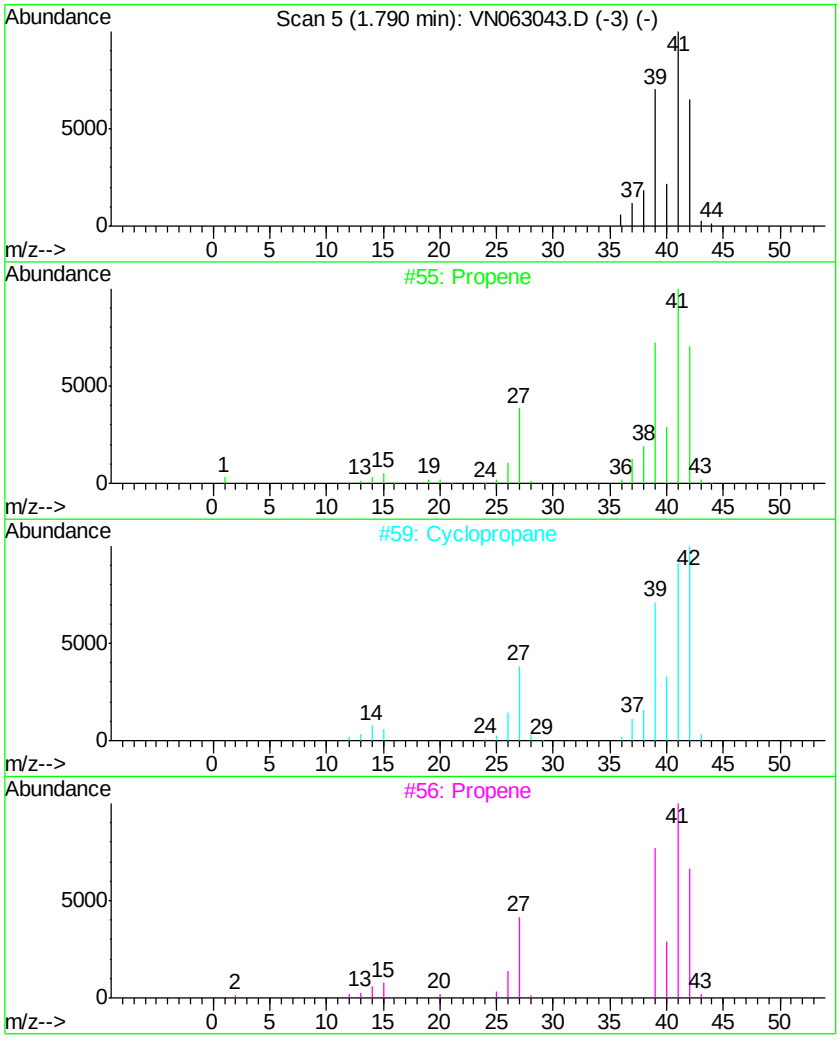
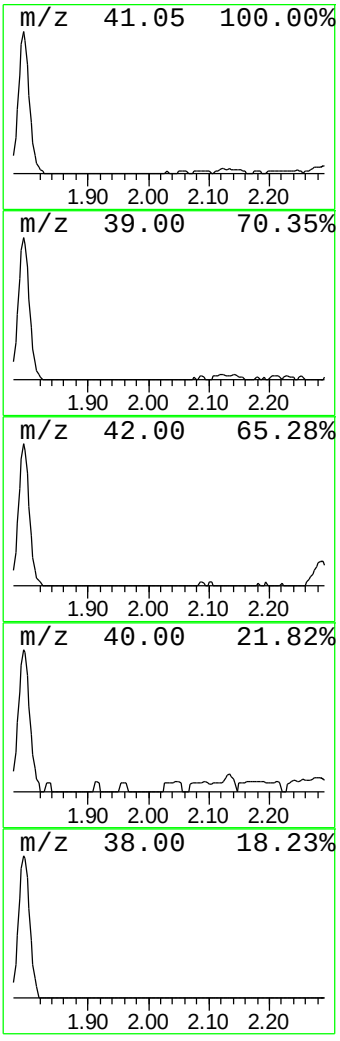
Peak Number 1 Propene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	4.97 ug/l	34248	Bromochloromethane	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	78
3	Propene	42	C3H6	000115-07-1	50
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : MANHOLE

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TIC Library : C:\DATABASE\NIST02.L
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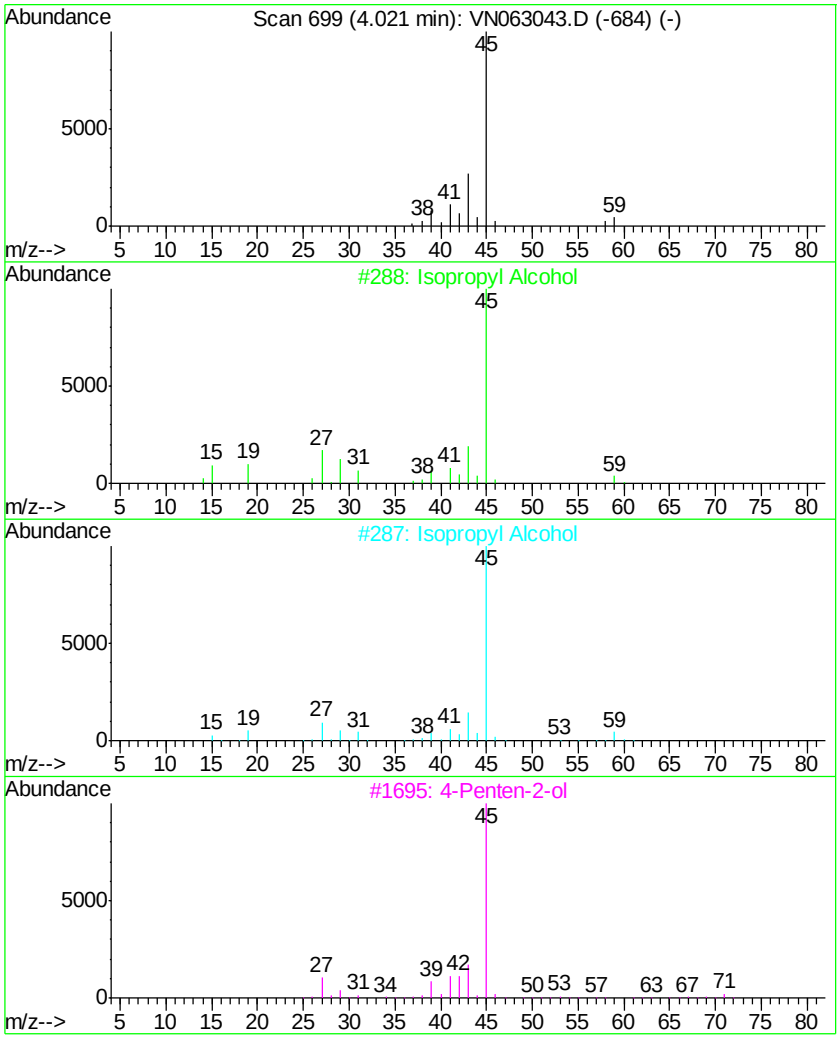
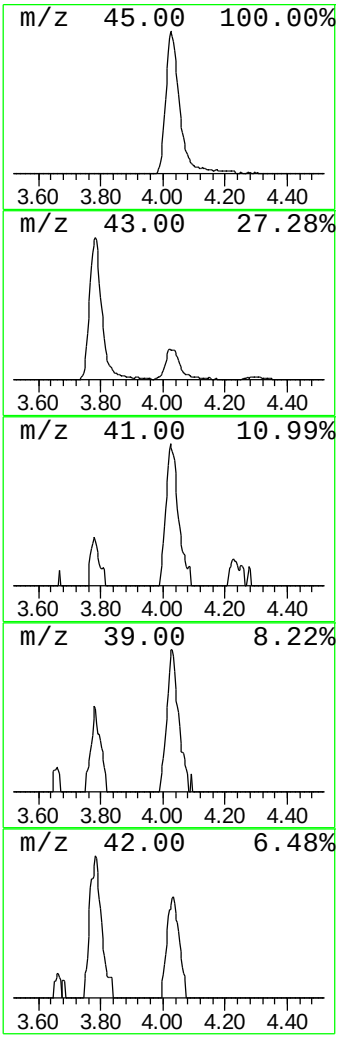
Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	9.76 ug/l	67236	Bromochloromethane	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MANHOLE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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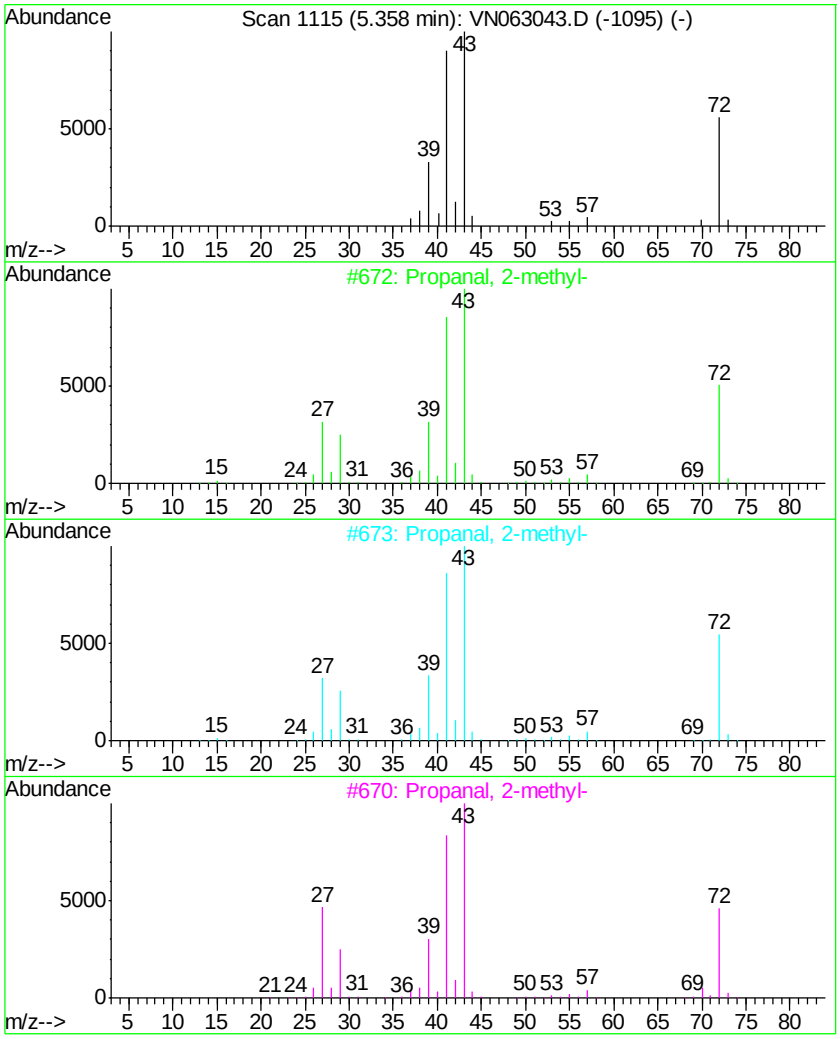
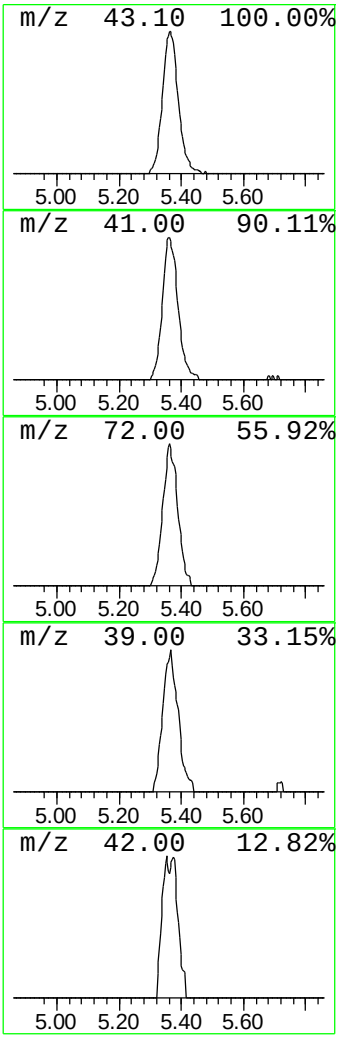
Peak Number 3 Propanal, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	11.66 ug/l	80356	Bromochloromethane	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	72
5	Butanal	72	C4H8O	000123-72-8	52





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.79	5.0	ug/l	34248	1	7.15	206743	30.0
Isopropyl Alcohol	4.02	9.8	ug/l	67236	1	7.15	206743	30.0
Propanal, 2-methyl-	5.36	11.7	ug/l	80356	1	7.15	206743	30.0