LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010719\
Data File : VN053300.D
Acq On : 7 Jan 2019 13:14
Operator : MD\SY
Sample : K1053-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : COMP-3-DRUM

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82N010519W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.815	4	13	31	rVB	296114	387044	7.55%	1.114%
2	2.317	156	169	188	rBV	1828009	2964491	57.81%	8.530%
3	3.265	443	464	502	rBV	540261	1282985	25.02%	3.692%
4	3.815	619	635	658	rBV	49056	132921	2.59%	0.382%
5	6.548	1459	1485	1508	rBV3	70146	212874	4.15%	0.613%
6	6.834	1554	1574	1600	rBV	470441	1361161	26.54%	3.917%
7	7.188	1669	1684	1701	rBV2	25178	68515	1.34%	0.197%
8	7.593	1789	1810	1821	rBV	608997	1528705	29.81%	4.399%
9	7.667	1821	1833	1859	rVB	1209802	2847658	55.53%	8.194%
10	8.030	1927	1946	1970	rBV	659107	1573310	30.68%	4.527%
11	8.300	1984	2030	2031	rBV	46629	231060	4.51%	0.665%
12	8.587	2102	2119	2138	rBV	1774325	3615620	70.50%	10.404%
13	10.091	2571	2587	2600	rBV	2825001	5128392	100.00%	14.757%
14	10.156	2600	2607	2619	rVB	81184	147288	2.87%	0.424%
15	11.406	2979	2996	3018	rBV	2527122	4300007	83.85%	12.373%
16	11.619	3047	3062	3077	rBV2	72038	132706	2.59%	0.382%
17	11.754	3085	3104	3118	rBV2	35025	77735	1.52%	0.224%
18	11.950	3152	3165	3173	rBV5	44240	86148	1.68%	0.248%
19	11.995	3173	3179	3196	rVB	39103	67395	1.31%	0.194%
20	12.403	3292	3306	3321	rBV	2078538	3442091	67.12%	9.905%
21	12.821	3426	3436	3452	rBV6	28859	86738	1.69%	0.250%
22	12.914	3453	3465	3481	rVB	332057	510844	9.96%	1.470%
23	13.040	3495	3504	3514	rBV	31210	58972	1.15%	0.170%
24	13.107	3515	3525	3541	rVB	153855	247288	4.82%	0.712%
25	13.345	3585	3599	3617	rVB	2304998	3805975	74.21%	10.952%
26	13.451	3619	3632	3647	rBV	209908	354702	6.92%	1.021%
27	15.133	4144	4155	4167	rBV	56059	99998	1.95%	0.288%

Sum of corrected areas: 34752623

LSC Report - Integrated Chromatogram

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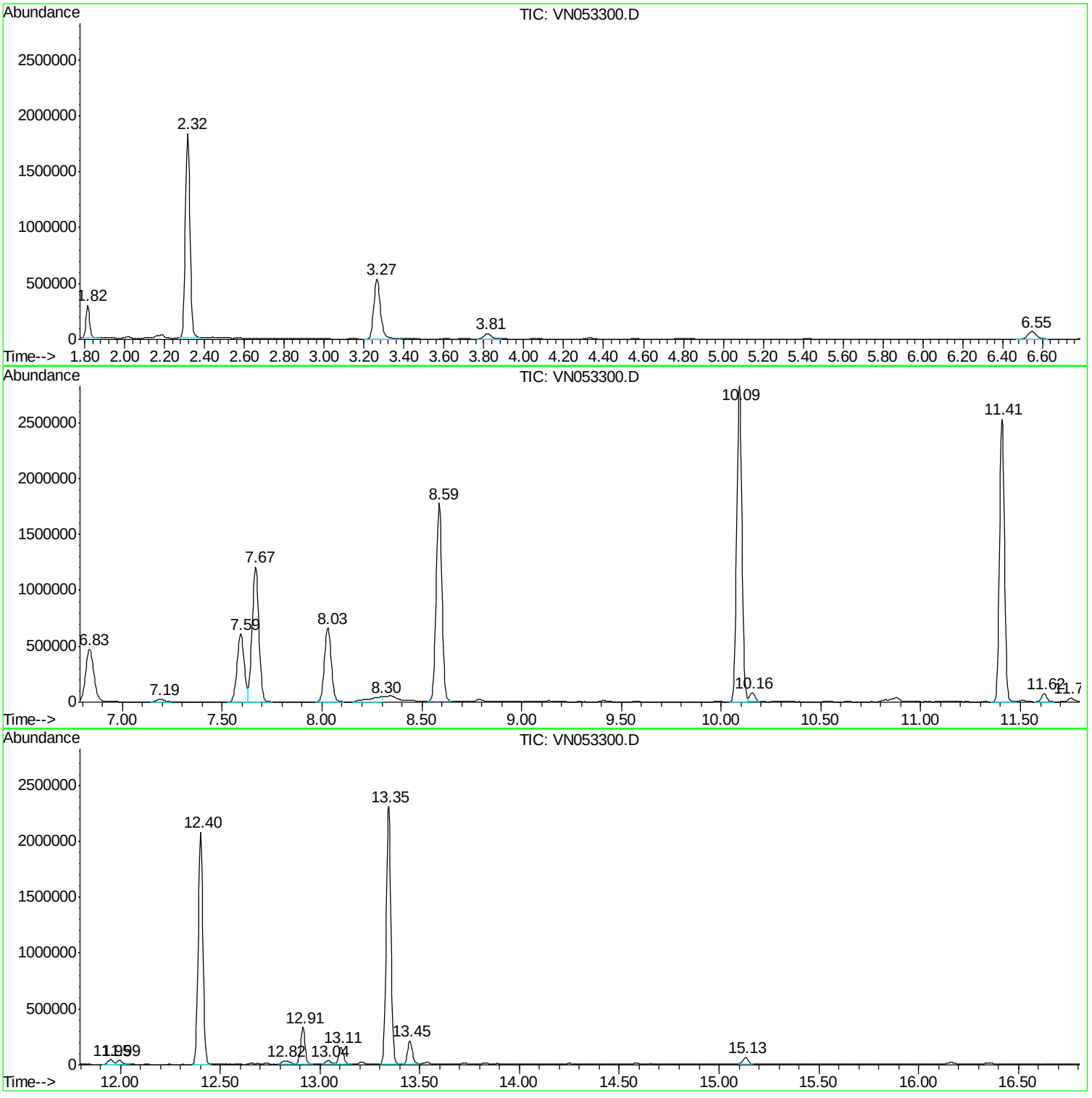
Instrument : MSVOA_N
ClientSampleId : COMP-3-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010719\
Data File : VN053300.D
Acq On : 7 Jan 2019 13:14
Operator : MD\SY
Sample : K1053-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : COMP-3-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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

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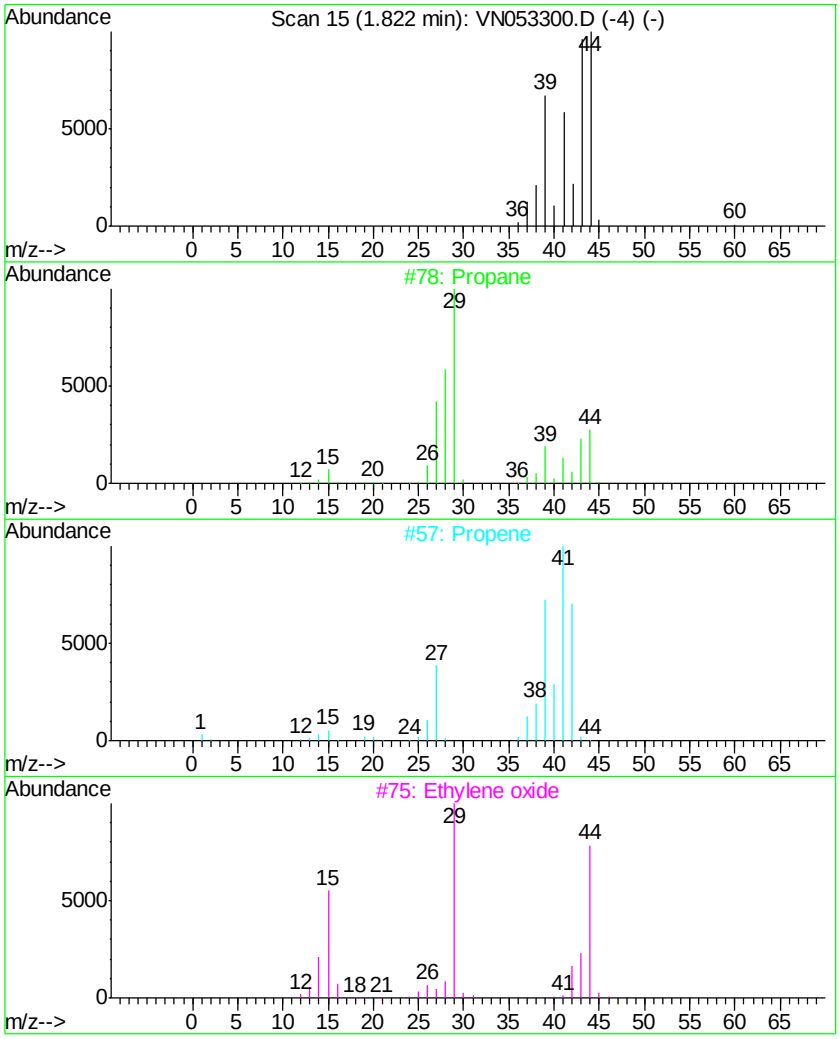
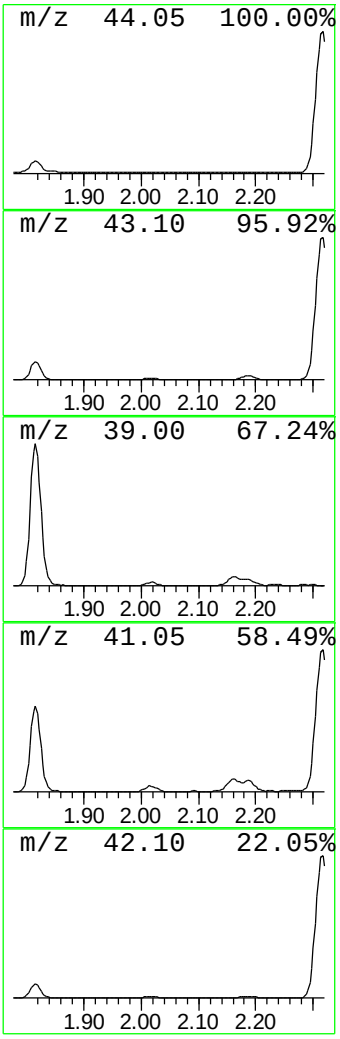
Peak Number 1 Propane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	6.80 ug/l	387044	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propene	42	C3H6	000115-07-1	9
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Acetaldehyde	44	C2H4O	000075-07-0	3
5	Ethyne, fluoro-	44	C2HF	002713-09-9	3





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Instrument : MSVOA_N
ClientSampleId : COMP-3-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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

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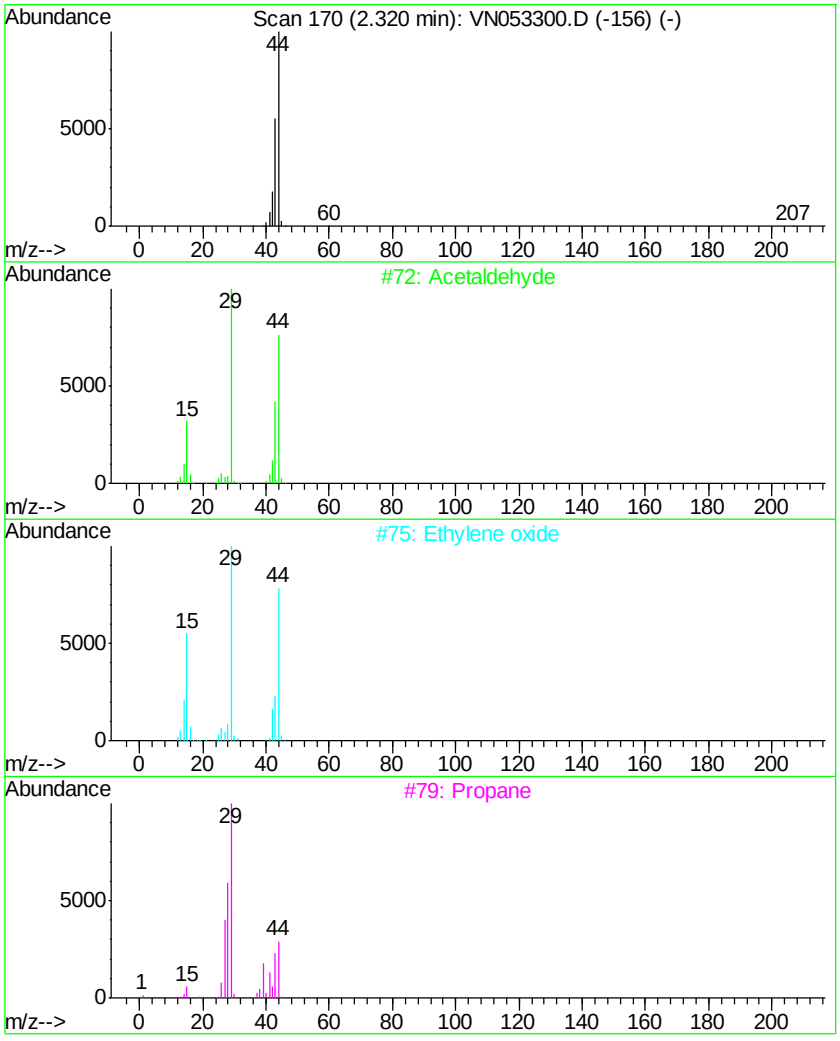
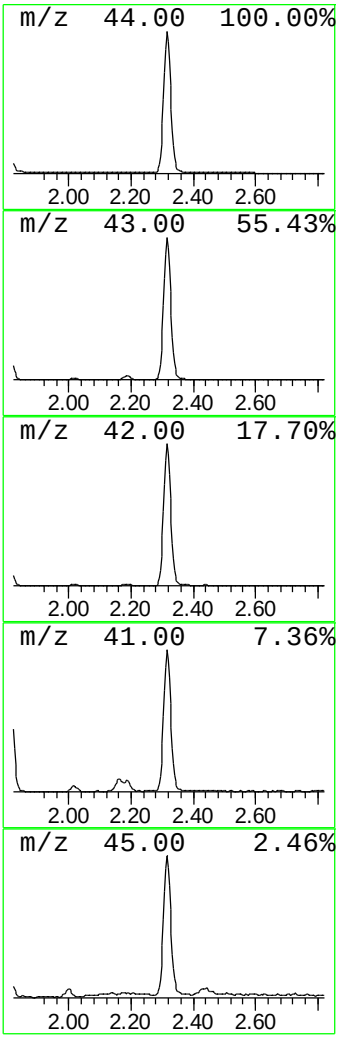
Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	52.05 ug/l	2964490	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Ethylene oxide	44	C2H4O	000075-21-8	5
3	Propane	44	C3H8	000074-98-6	4
4	Alanine	89	C3H7NO2	000056-41-7	4
5	Carbon dioxide	44	CO2	000124-38-9	3





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Operator : MD\SY
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ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : COMP-3-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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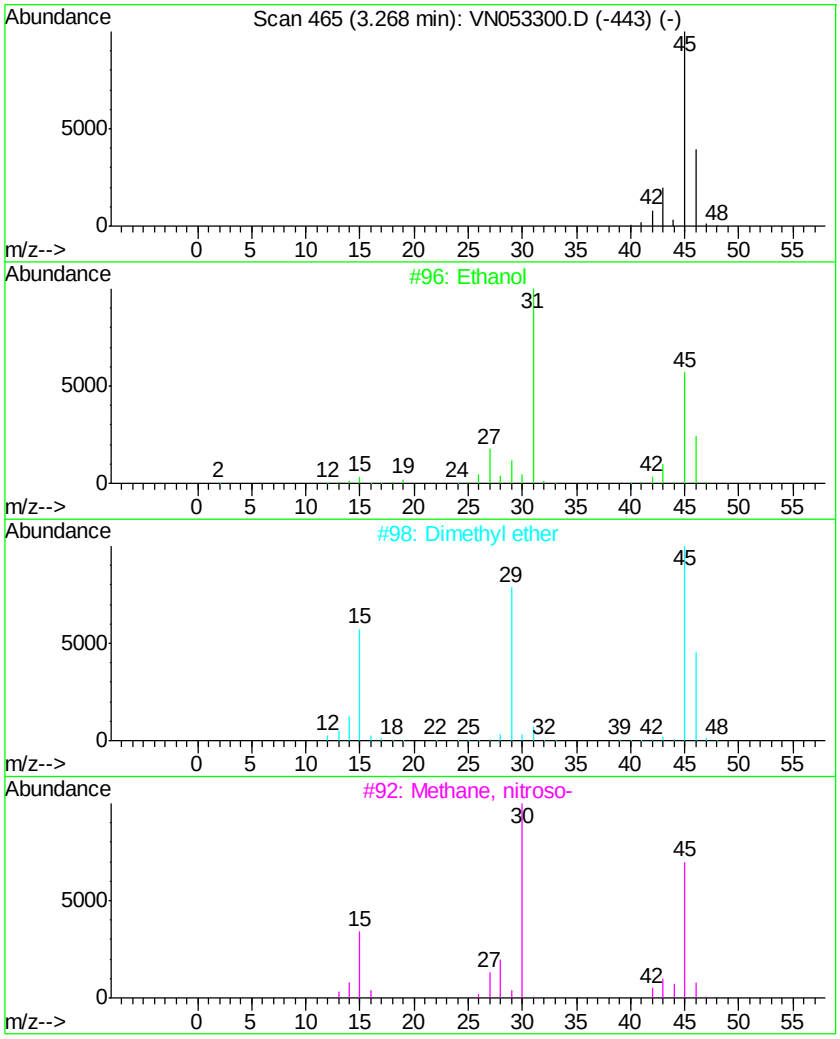
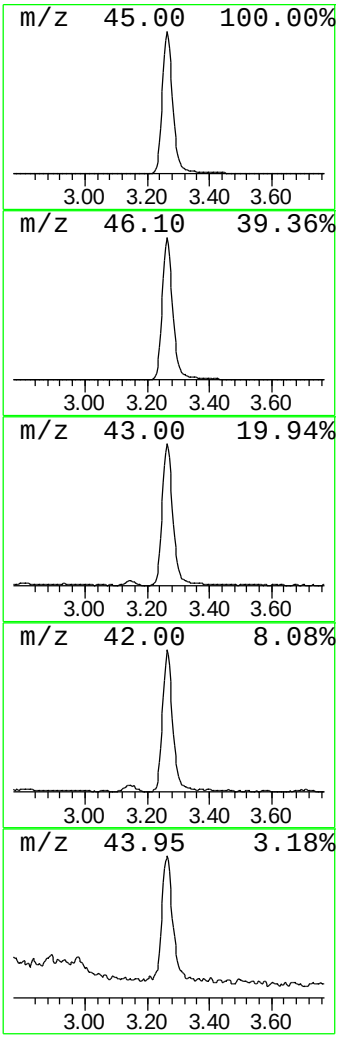
Peak Number 3 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	22.53 ug/l	1282990	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





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Quant Title : SW846 8260

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

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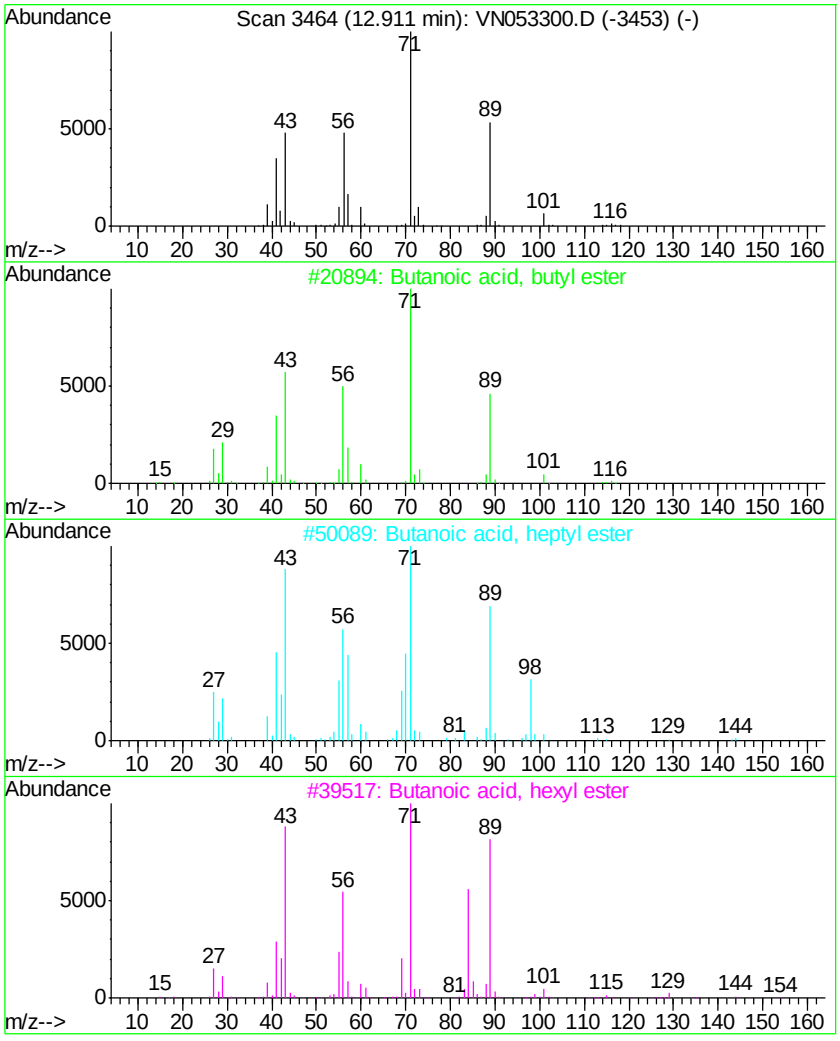
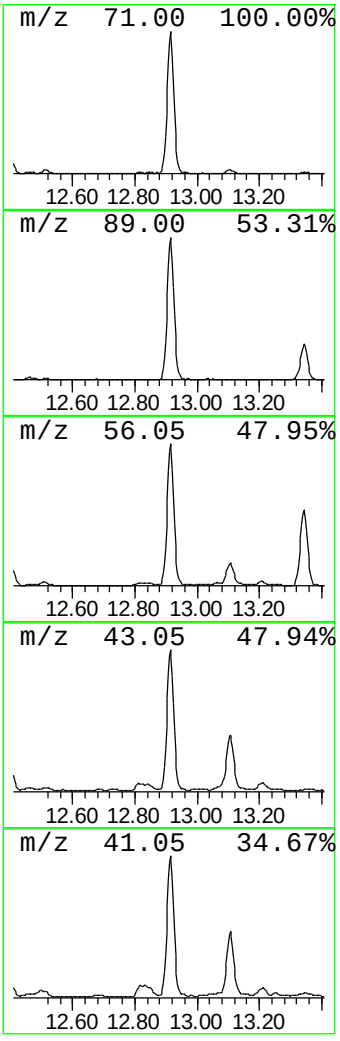
Peak Number 4 Butanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	6.71 ug/l	510844	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	90
2	Butanoic acid, heptyl ester	186	C11H22O2	005870-93-9	64
3	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	59
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	59
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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	1.82	6.8	ug/l	387044	1	7.67	2847660	50.0
Acetaldehyde	2.32	52.0	ug/l	2964490	1	7.67	2847660	50.0
Ethanol	3.27	22.5	ug/l	1282990	1	7.67	2847660	50.0
Butanoic acid, bu...	12.91	6.7	ug/l	510844	4	13.35	3805980	50.0