LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040119\
Data File : VN054887.D
Acq On : 1 Apr 2019 20:46
Operator : JC/SP
Sample : K2212-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-4

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\82N032919W.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	1.819	5	14	27	rVB	158281	215773	8.21%	1.174%
2	2.021	68	77	88	rVB	34519	47800	1.82%	0.260%
3	2.188	120	129	144	rVB	70216	105172	4.00%	0.572%
4	2.812	308	323	342	rVB	216025	444159	16.90%	2.416%
5	3.146	416	427	440	rVB3	30793	64601	2.46%	0.351%
6	4.629	875	888	919	rVB4	42183	155507	5.92%	0.846%
7	5.050	996	1019	1042	rVB5	15901	59277	2.26%	0.322%
8	5.957	1279	1301	1322	rVB5	11346	38900	1.48%	0.212%
9	6.625	1487	1509	1531	rBV3	66437	207766	7.90%	1.130%
10	7.593	1788	1810	1820	rBV	352679	884111	33.64%	4.809%
11	7.664	1820	1832	1858	rVB	600201	1493316	56.81%	8.123%
12	8.034	1925	1947	1971	rBV3	550549	1446111	55.02%	7.866%
13	8.587	2105	2119	2158	rVB	931602	2150166	81.80%	11.695%
14	10.088	2571	2586	2600	rBV	1367785	2628414	100.00%	14.297%
15	11.407	2980	2996	3017	rBV	1215222	2259014	85.95%	12.288%
16	11.509	3017	3028	3044	rVB	311130	546705	20.80%	2.974%
17	11.619	3049	3062	3090	rVB	299864	614268	23.37%	3.341%
18	11.947	3152	3164	3182	rBV2	134767	233842	8.90%	1.272%
19	12.249	3248	3258	3269	rVB2	33828	56083	2.13%	0.305%
20	12.400	3292	3305	3330	rBV	941282	1640855	62.43%	8.925%
21	12.590	3354	3364	3373	rBV	21644	33024	1.26%	0.180%
22	12.654	3373	3384	3390	rVV	69512	116727	4.44%	0.635%
23	12.686	3391	3394	3401	rVV2	47937	64026	2.44%	0.348%
24	12.731	3401	3408	3419	rVB2	56348	91002	3.46%	0.495%
25	12.889	3446	3457	3471	rBV	103099	174193	6.63%	0.947%
26	13.040	3490	3504	3516	rBV	227977	375809	14.30%	2.044%
27	13.342	3584	3598	3621	rBV2	1029198	1861061	70.81%	10.123%
28	13.542	3645	3660	3670	rBV	140080	241726	9.20%	1.315%
29	13.995	3792	3801	3810	rVB	25579	40573	1.54%	0.221%
30	14.593	3976	3987	3998	rVB3	25530	45176	1.72%	0.246%
31	15.133	4144	4155	4165	rVB2	28339	49413	1.88%	0.269%

Sum of corrected areas: 18384570

LSC Report - Integrated Chromatogram

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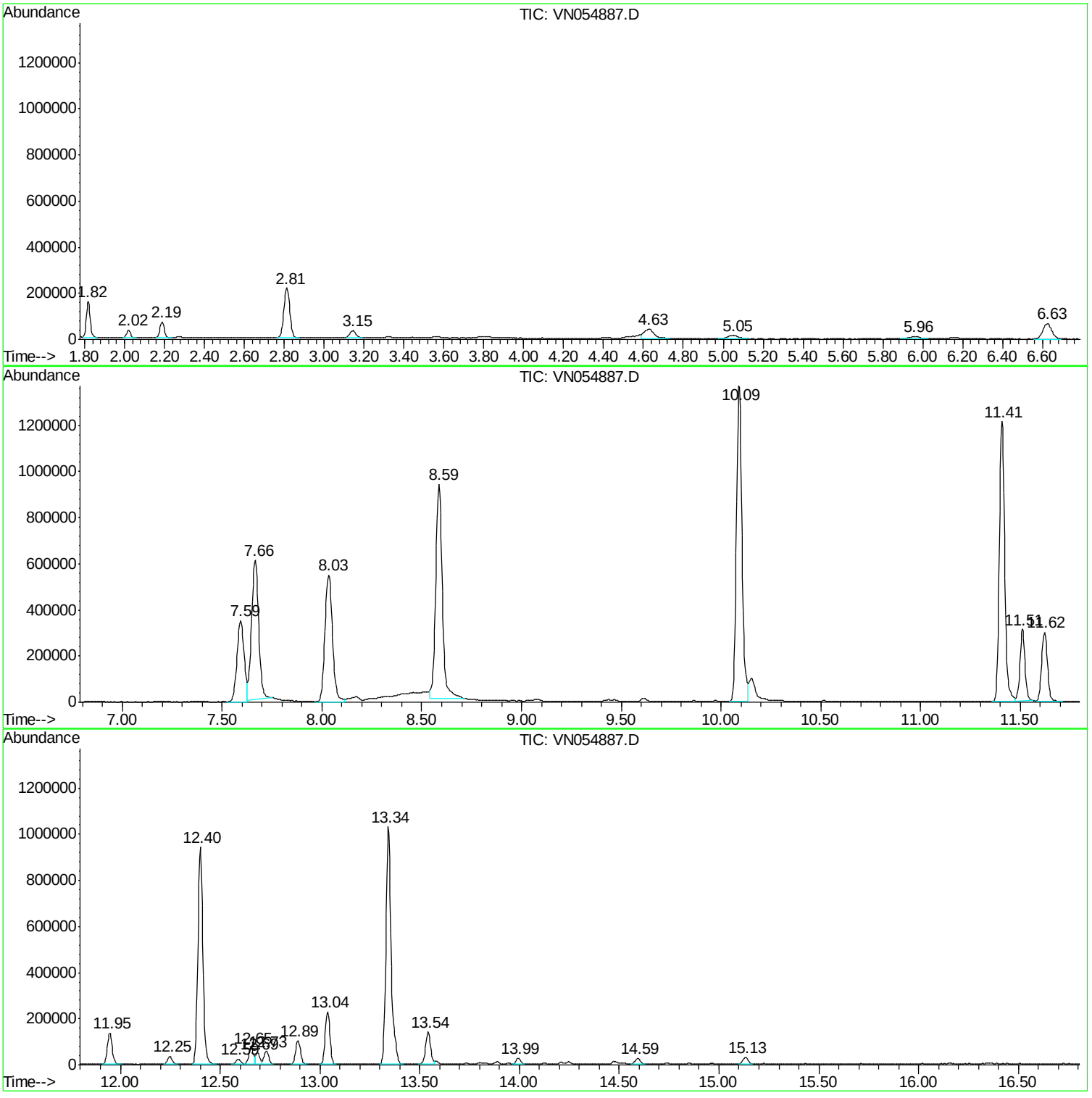
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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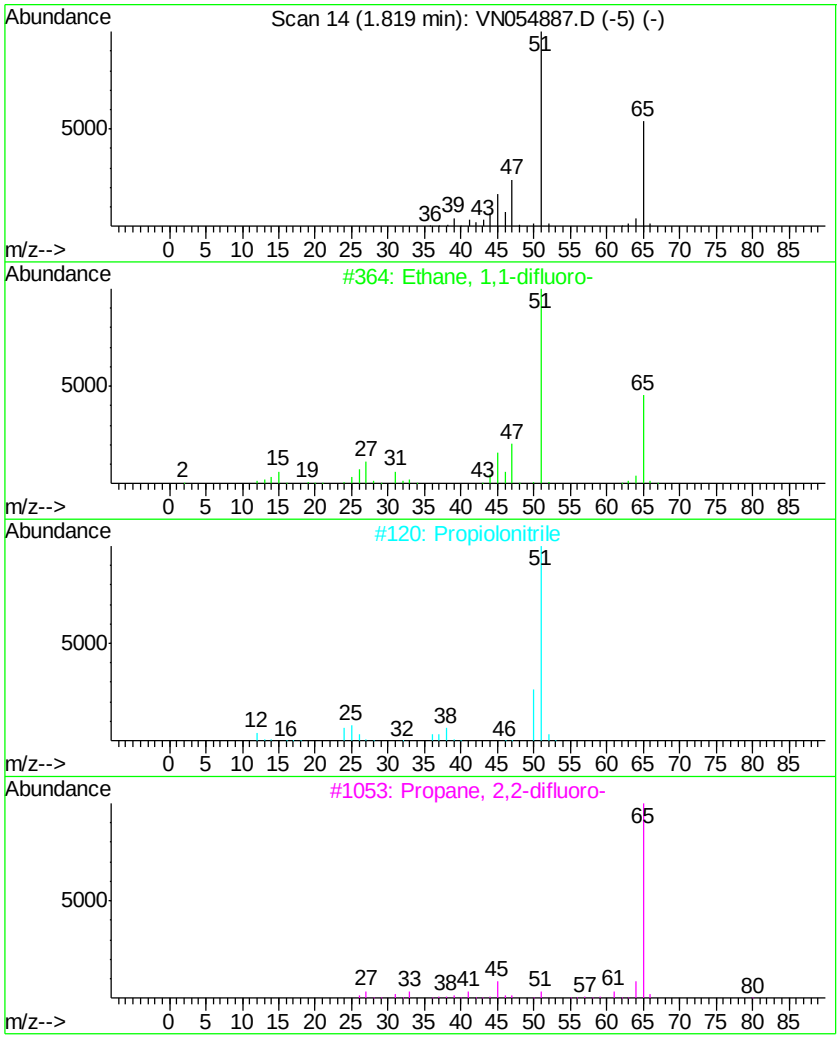
TIC Integration Parameters: LSCINT.P

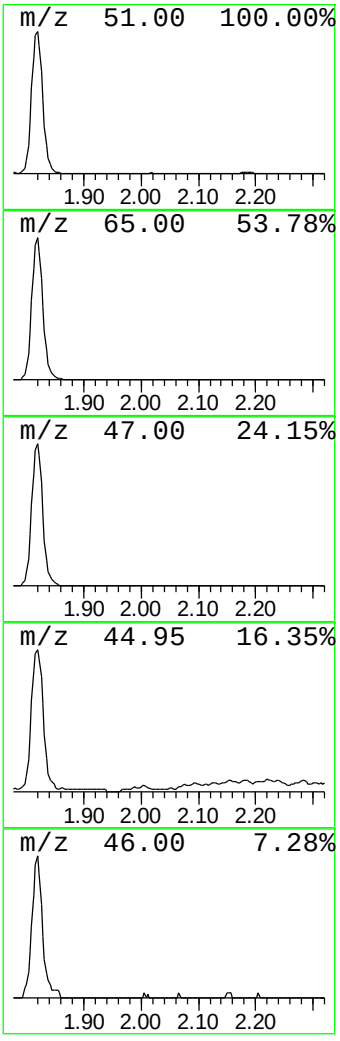
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	7.22 ug/l	215773	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Propiolonitrile	51	C3HN	001070-71-9	3
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2
4	Difluoromethane	52	CH2F2	000075-10-5	1
5	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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

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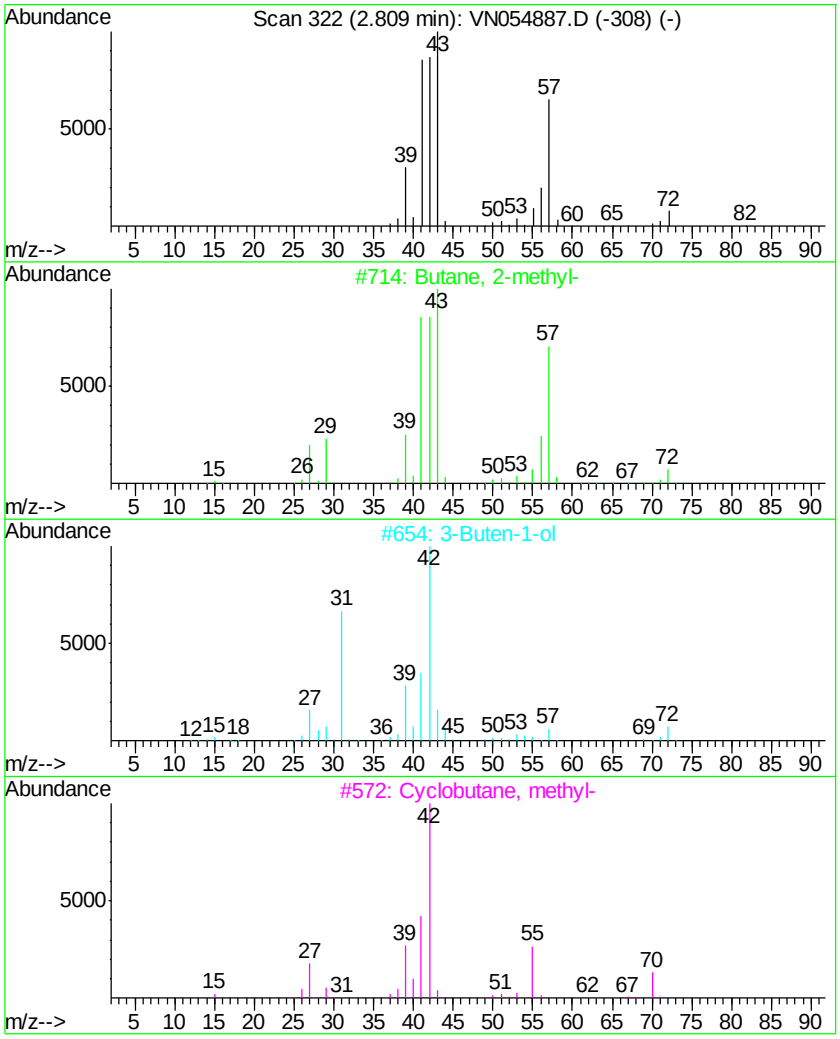
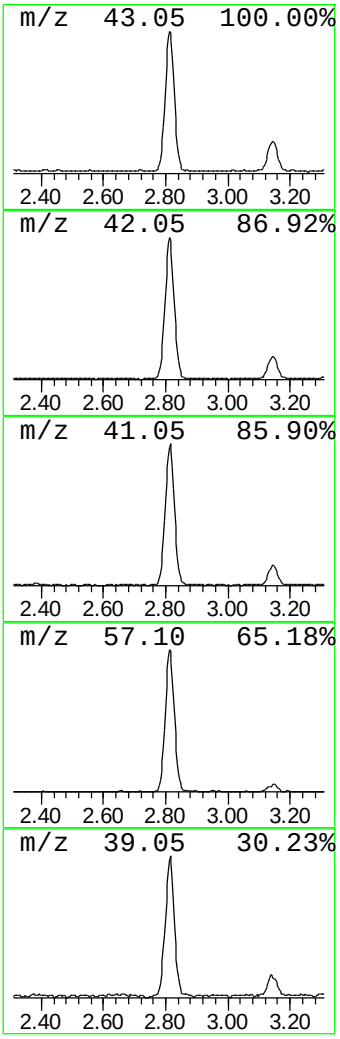
Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	14.87 ug/l	444159	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	38
4	Pentane	72	C5H12	000109-66-0	36
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33





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Instrument : MSVOA_N
ClientSampleId : MW-4

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TIC Integration Parameters: LSCINT.P

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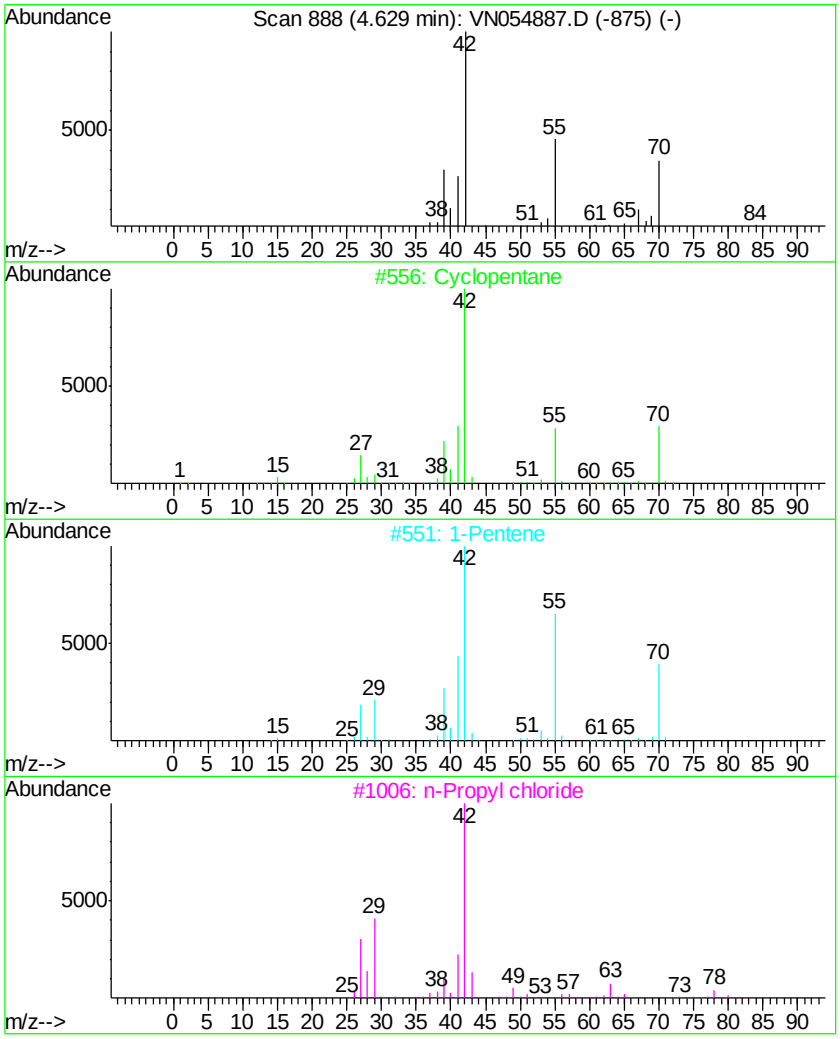
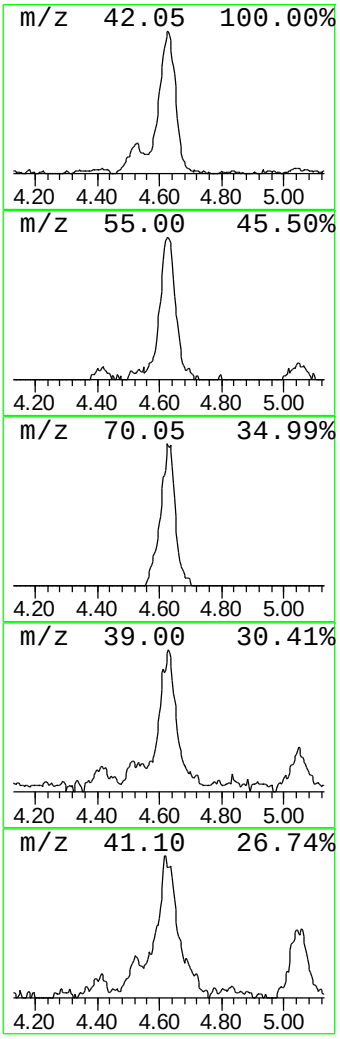
Peak Number 3 Cyclopentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	5.21 ug/l	155507	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	72
2	1-Pentene	70	C5H10	000109-67-1	32
3	n-Propyl chloride	78	C3H7Cl	000540-54-5	28
4	Cyclobutanone	70	C4H6O	001191-95-3	9
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	9





Library Search Compound Report

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Instrument : MSVOA_N
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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

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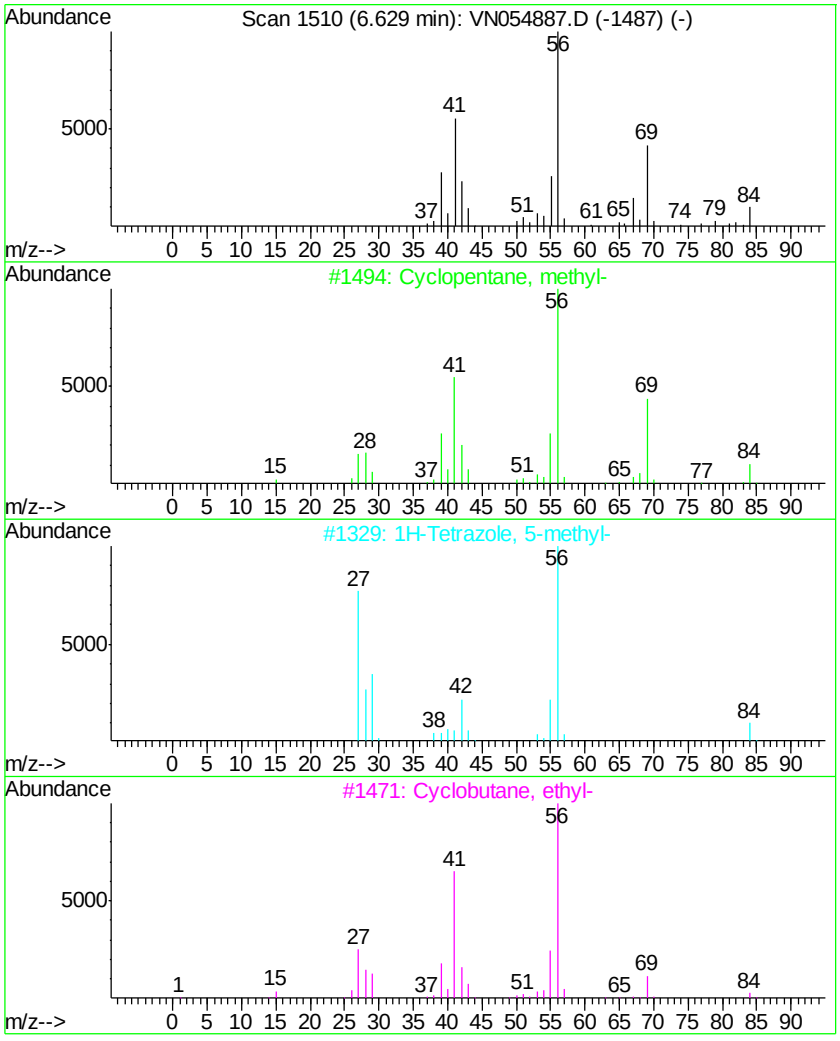
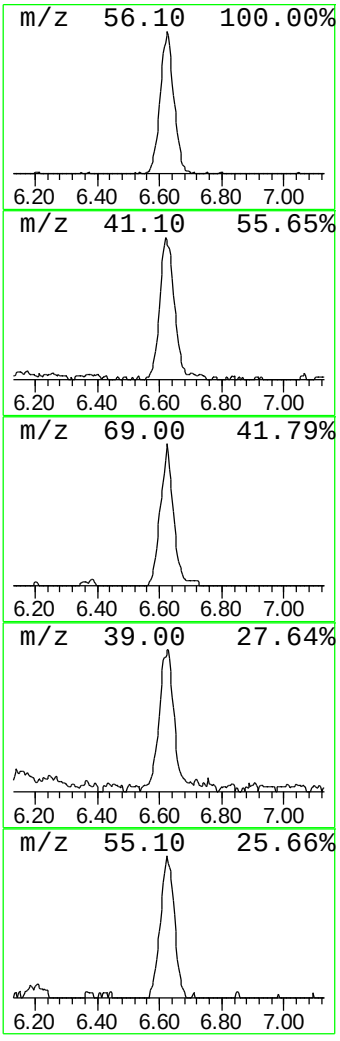
Peak Number 4 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	6.96 ug/l	207766	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
5	Cyclobutane	56	C4H8	000287-23-0	50





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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-4

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Quant Title : SW846 8260

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

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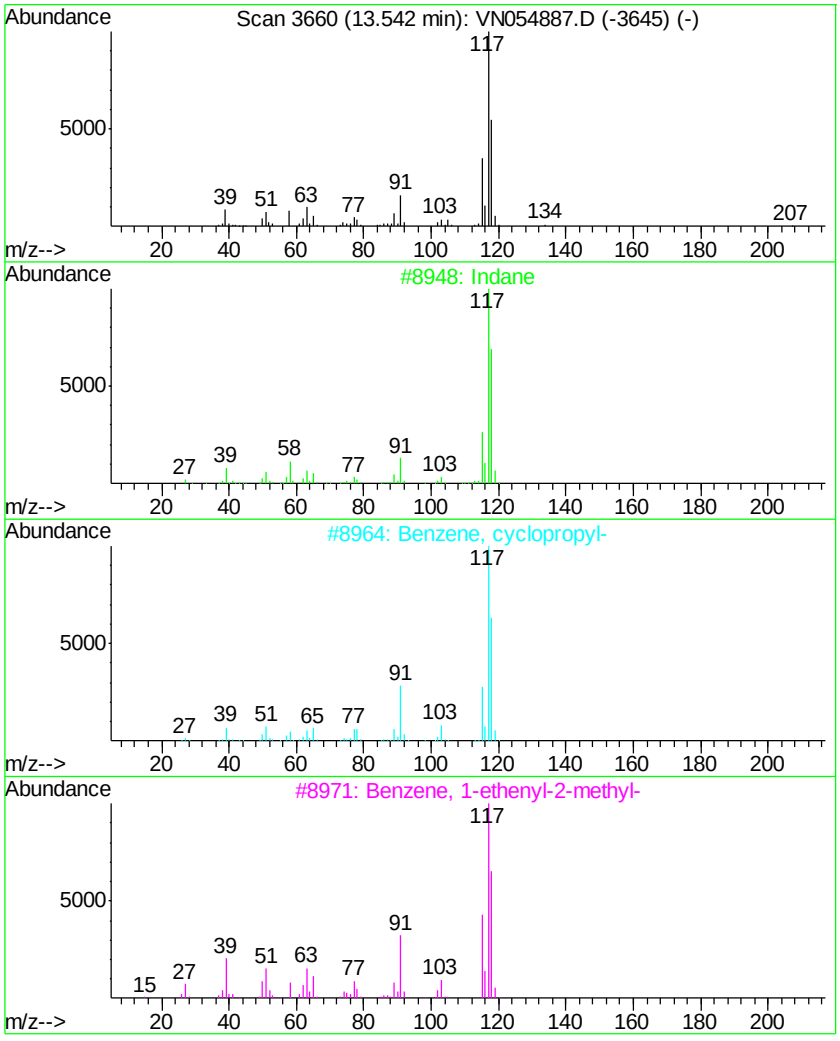
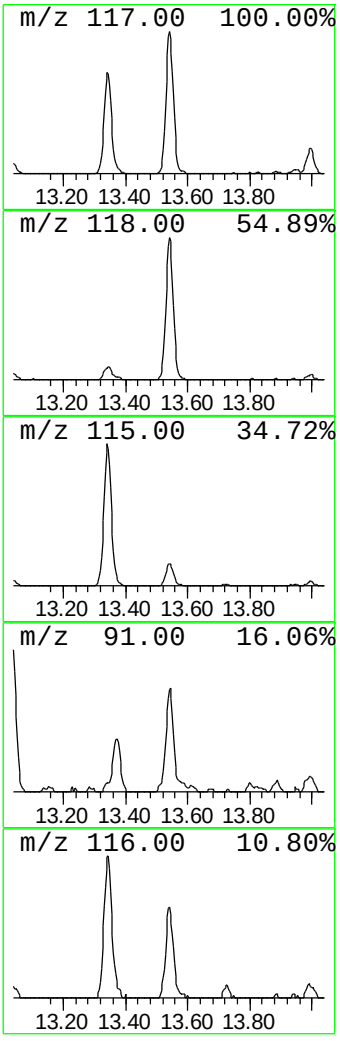
Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	6.49 ug/l	241726	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.82	7.2	ug/l	215773	1	7.67	1493320	50.0
Butane, 2-methyl-	2.81	14.9	ug/l	444159	1	7.67	1493320	50.0
Cyclopentane	4.63	5.2	ug/l	155507	1	7.67	1493320	50.0
Cyclopentane, met...	6.63	7.0	ug/l	207766	1	7.67	1493320	50.0
Indane	13.54	6.5	ug/l	241726	4	13.34	1861060	50.0