LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

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\SOMUTR111718WMA.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	1.302	34	40	59	rVB	243519	249375	7.97%	1.461%
2	1.402	60	71	81	rBV2	640710	729761	23.33%	4.275%
3	1.681	151	158	170	rVV	72081	88191	2.82%	0.517%
4	1.755	171	181	207	rVB	2353845	3127418	100.00%	18.319%
5	1.955	233	243	256	rVB4	52112	95261	3.05%	0.558%
6	2.186	307	315	325	rVB3	19965	31594	1.01%	0.185%
7	2.273	333	342	367	rVB	144179	257078	8.22%	1.506%
8	2.704	459	476	490	rBV4	58965	160240	5.12%	0.939%
9	2.791	490	503	531	rVB	736780	1466034	46.88%	8.588%
10	3.003	552	569	591	rVB	1324082	2895646	92.59%	16.962%
11	3.443	698	706	722	rVB3	15166	37008	1.18%	0.217%
12	3.646	757	769	785	rBV5	14343	34757	1.11%	0.204%
13	3.884	828	843	862	rBV7	17086	47927	1.53%	0.281%
14	4.086	887	906	920	rBV4	57393	155892	4.98%	0.913%
15	4.189	920	938	966	rVB3	141625	419405	13.41%	2.457%
16	4.649	1064	1081	1097	rBV	105472	248410	7.94%	1.455%
17	4.990	1174	1187	1202	rBV3	30229	72971	2.33%	0.427%
18	5.337	1275	1295	1305	rBV2	227484	617413	19.74%	3.617%
19	5.389	1306	1311	1327	rVB	91352	165068	5.28%	0.967%
20	5.479	1327	1339	1347	rBV4	23603	57869	1.85%	0.339%
21	5.887	1450	1466	1478	rBV	222260	441244	14.11%	2.585%
22	6.215	1552	1568	1582	rVB10	20653	47671	1.52%	0.279%
23	6.331	1588	1604	1619	rBV2	156801	311587	9.96%	1.825%
24	7.228	1872	1883	1898	rBV	88838	182858	5.85%	1.071%
25	7.562	1970	1987	2003	rBV	283485	507319	16.22%	2.972%
26	7.848	2065	2076	2091	rBV	53249	88900	2.84%	0.521%
27	8.314	2206	2221	2251	rBV	374858	682413	21.82%	3.997%
28	8.459	2253	2266	2293	rVB	364559	653084	20.88%	3.826%
29	9.089	2450	2462	2470	rBV	322960	535460	17.12%	3.137%
30	9.134	2470	2476	2491	rVB2	73648	128209	4.10%	0.751%
31	9.498	2576	2589	2618	rVB	621435	1063459	34.00%	6.229%
32	9.697	2642	2651	2658	rBV7	21522	37620	1.20%	0.220%
33	9.954	2718	2731	2741	rBV3	55881	92600	2.96%	0.542%
34	10.038	2744	2757	2768	rVV5	52773	106017	3.39%	0.621%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

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\SOMUTR111718WMA.M
Title : TRACE VOA SOM01.0

35	10.099	2768	2776	2790	rVB4	30284	51928	1.66%	0.304%
36	10.430	2862	2879	2886	rBV	105982	193430	6.18%	1.133%
37	11.080	3069	3081	3092	rBV7	34478	60462	1.93%	0.354%
38	11.482	3193	3206	3221	rBV	324158	510152	16.31%	2.988%
39	11.858	3309	3323	3343	rVB	256085	419923	13.43%	2.460%

Sum of corrected areas: 17071654

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
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Acq On : 21 Nov 2018 14:15
Operator : MD/SY
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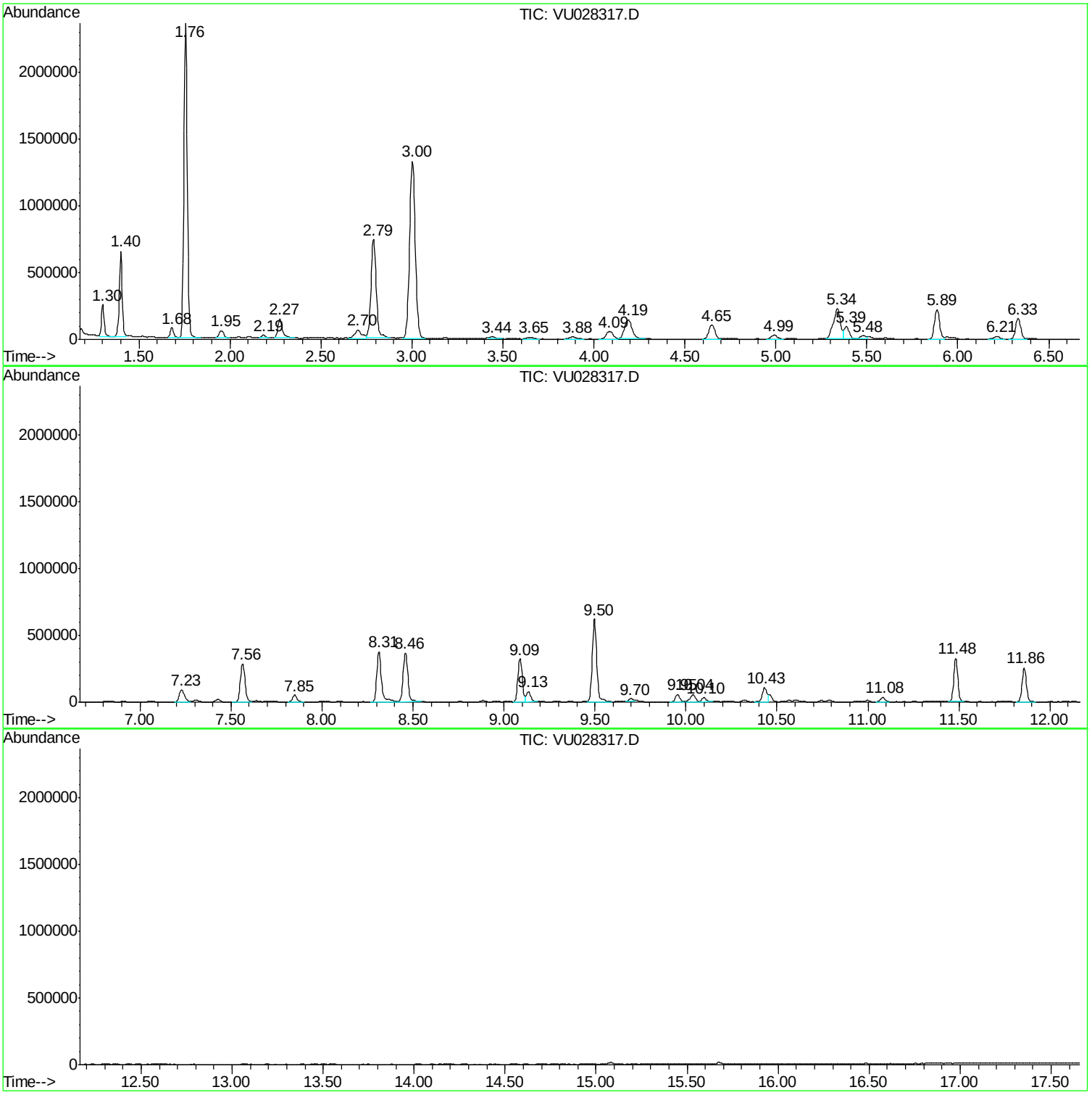
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

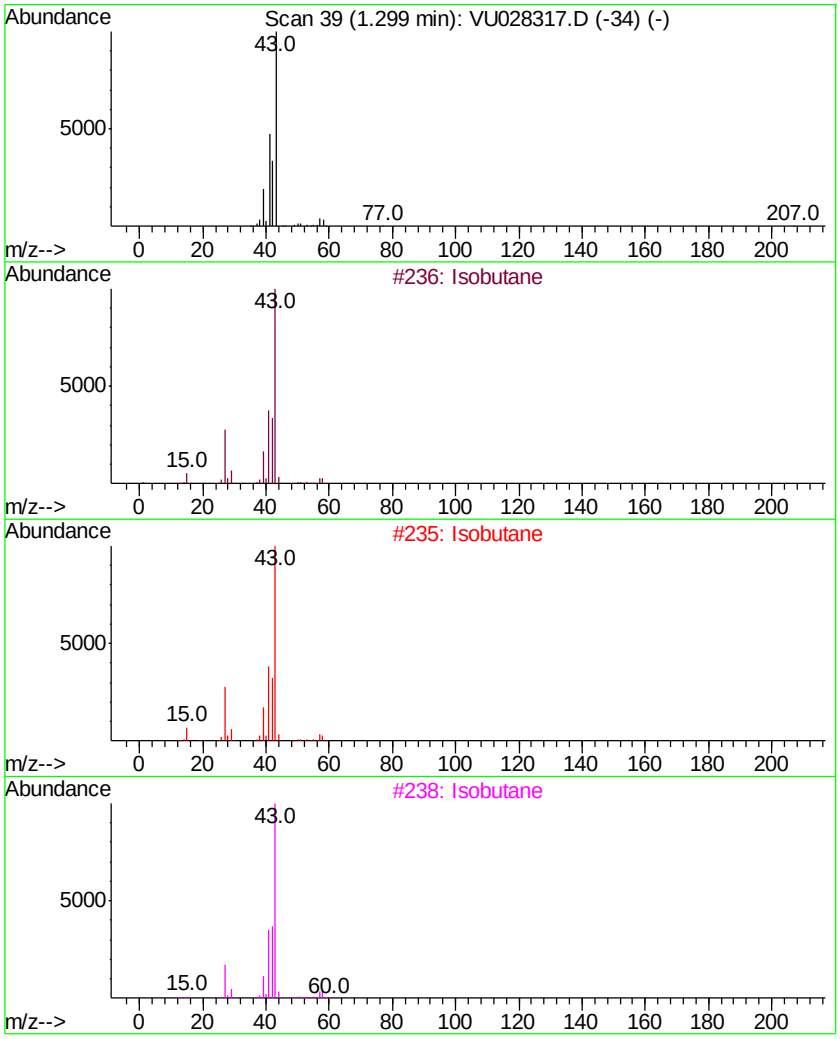
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

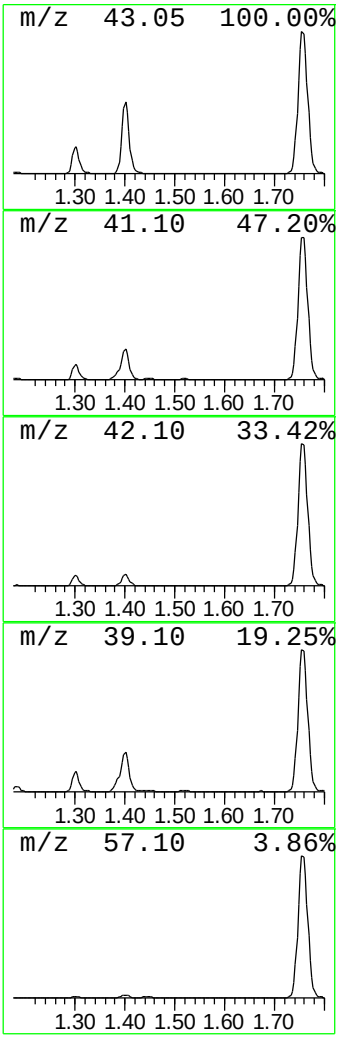
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	2.83 ug/L	249375	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	78
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Cyclobutylamine	71	C4H9N	002516-34-9	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

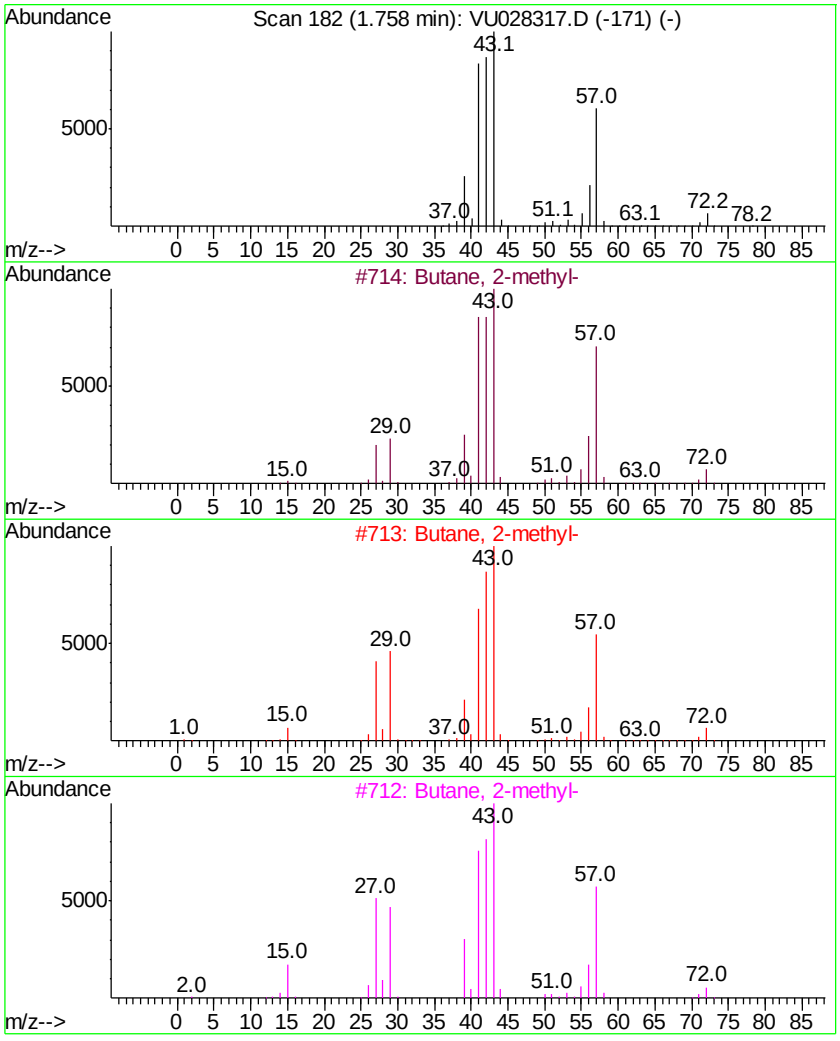
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

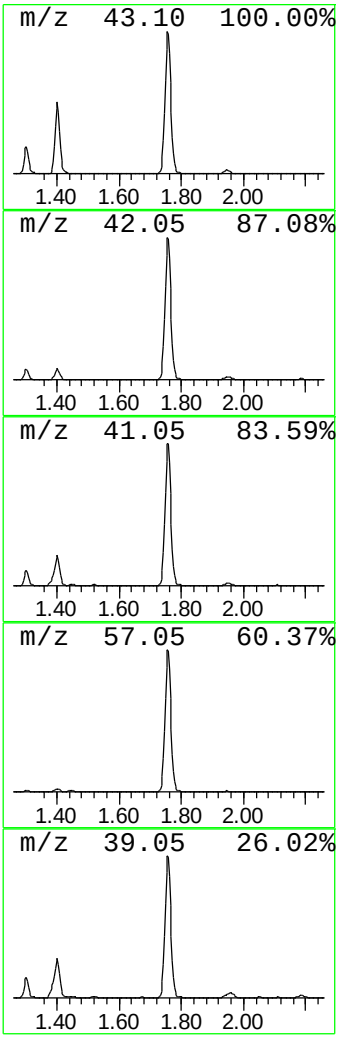
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	35.44 ug/L	3127420	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	90
4	Pentane	72	C5H12	000109-66-0	50
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

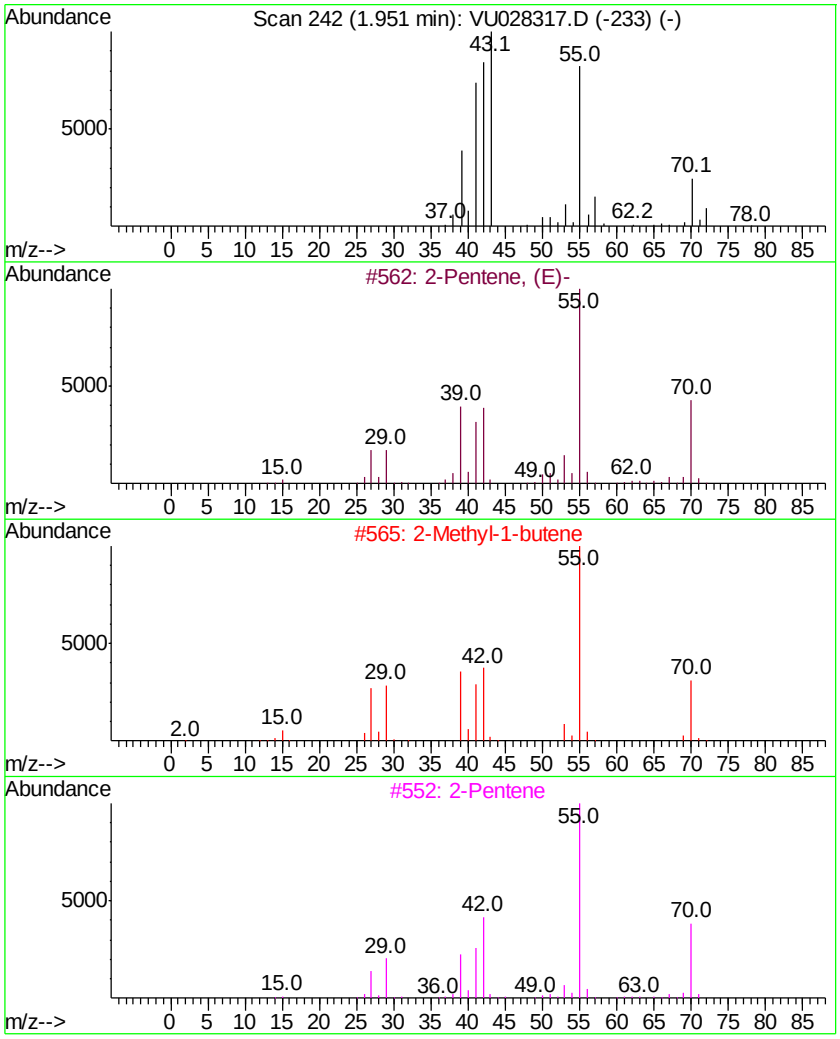
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

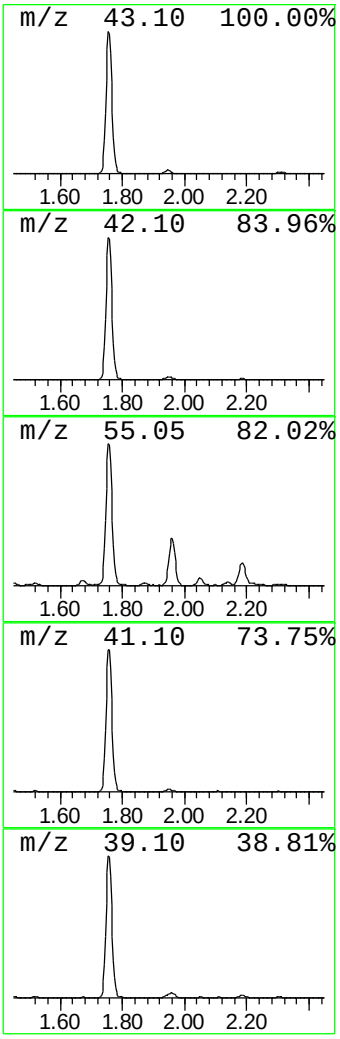
****

Peak Number 3 (DEL) Alkane: Cyclic1.95 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	1.08 ug/L	95261	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	64
2	2-Methyl-1-butene	70	C5H10	000563-46-2	59
3	2-Pentene	70	C5H10	000109-68-2	59
4	2-Pentene, (E)-	70	C5H10	000646-04-8	59
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

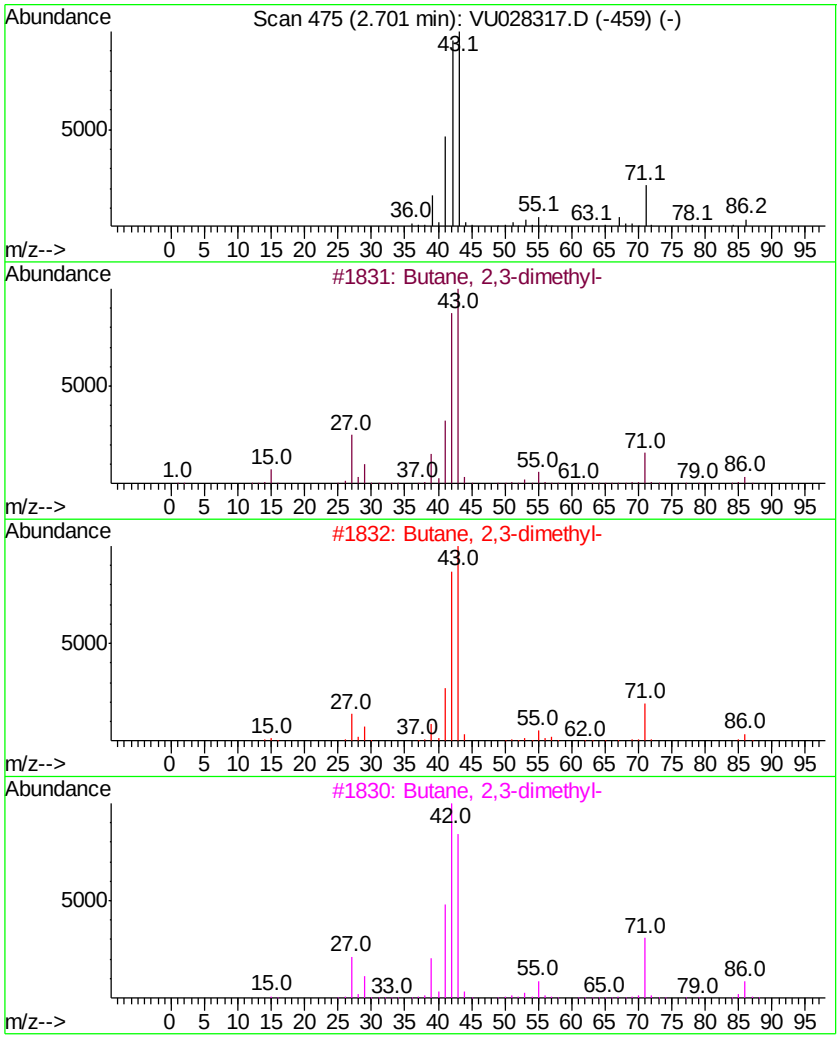
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

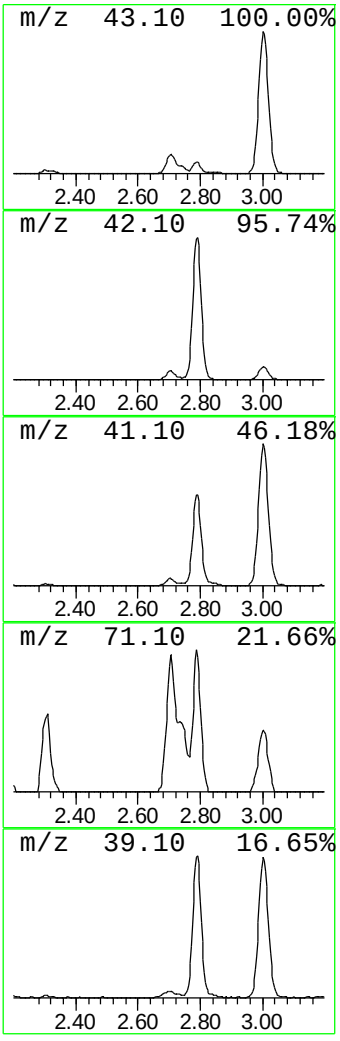
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	1.82 ug/L	160240	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

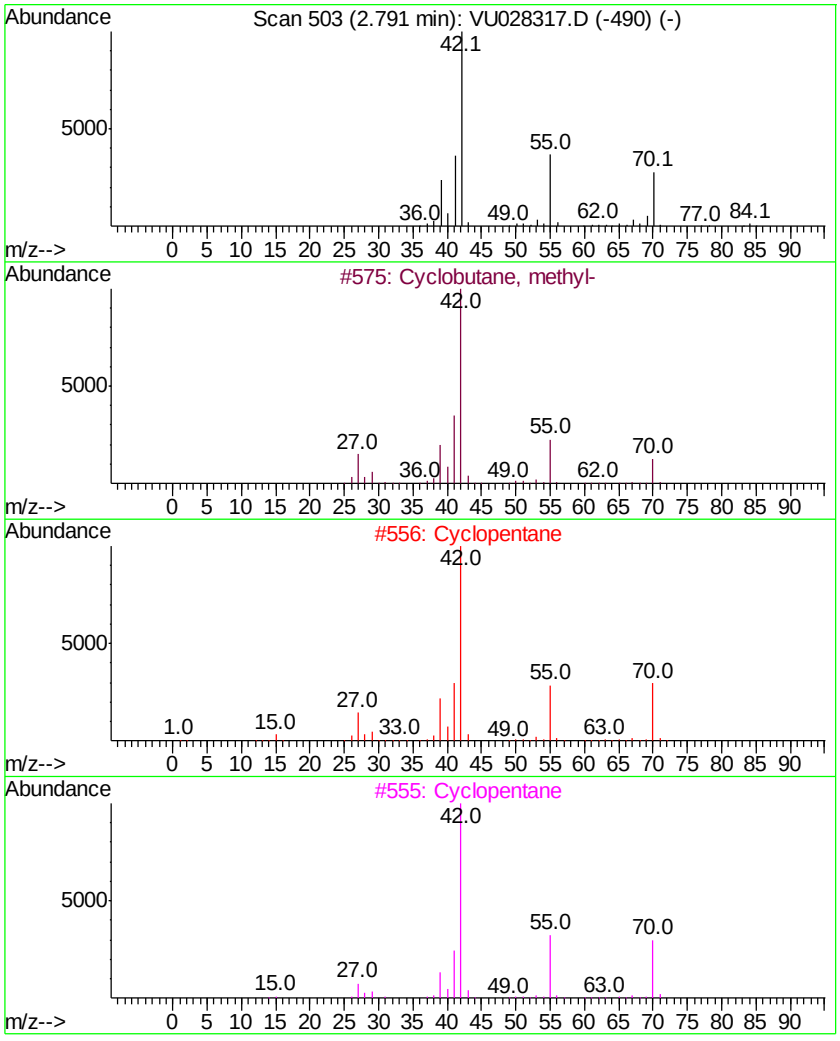
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

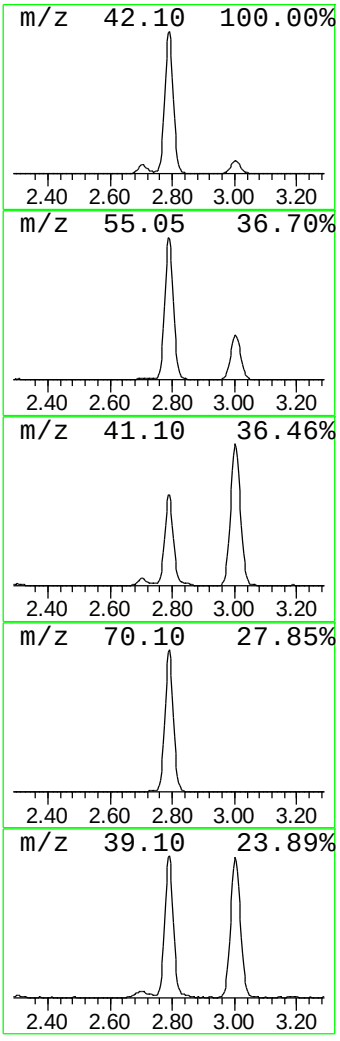
****

Peak Number 5 (DEL) Alkane: Cyclic2.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	16.61 ug/L	1466030	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	Cyclopentane	70	C5H10	000287-92-3	80
3	Cyclopentane	70	C5H10	000287-92-3	78
4	1-Pentene	70	C5H10	000109-67-1	64
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

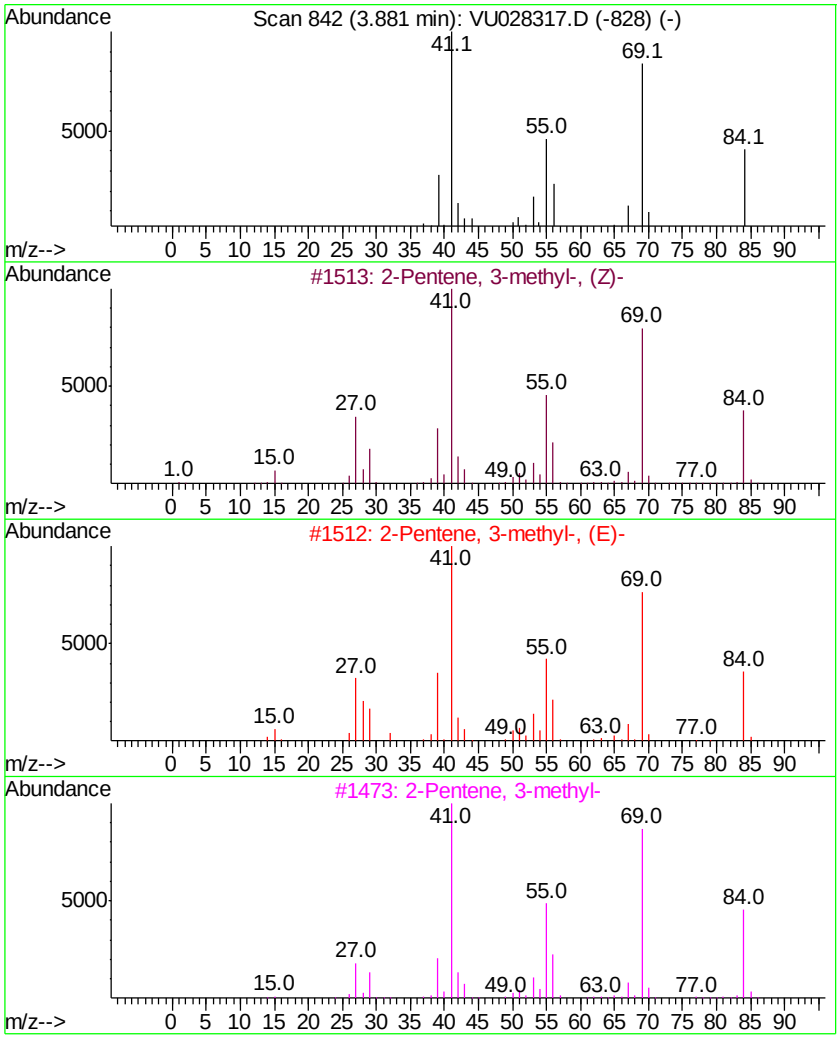
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

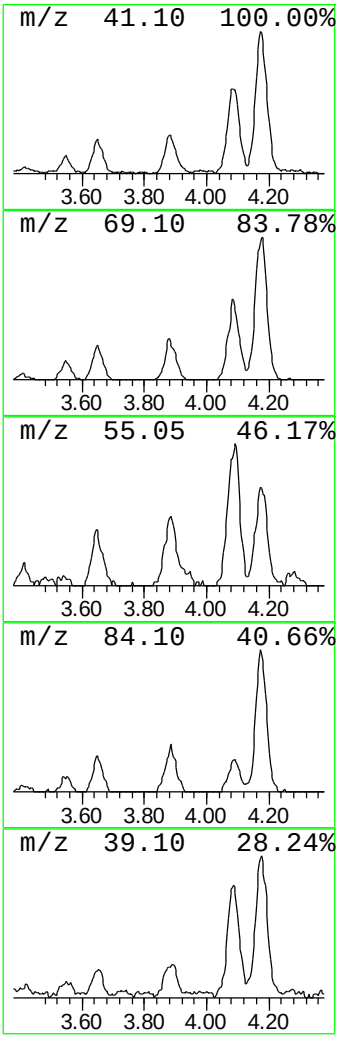
****

Peak Number 6 (DEL) Alkane: Cyclic3.88 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	0.54 ug/L	47927	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
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Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

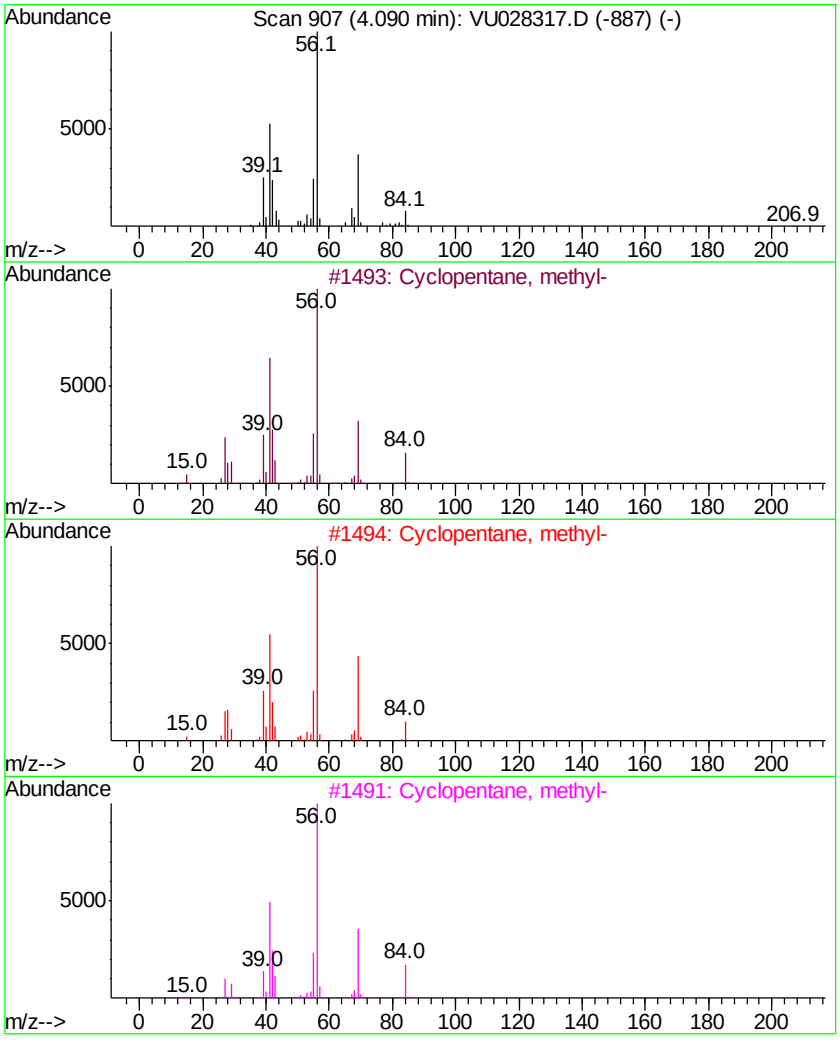
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

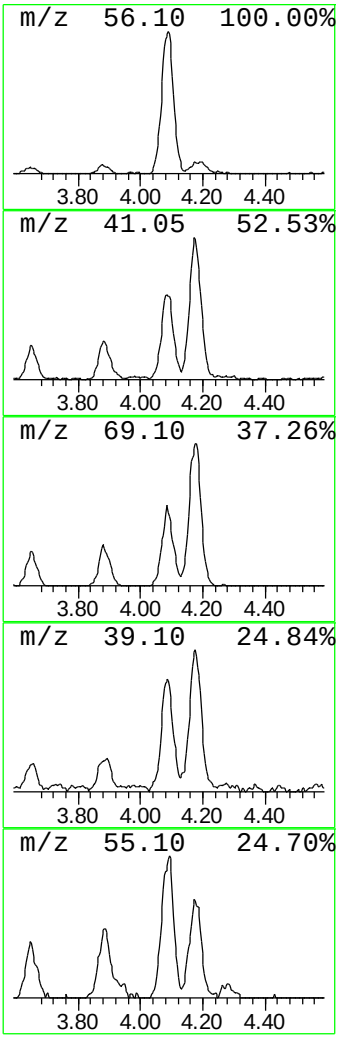
****

Peak Number 7 (DEL) Alkane: Cyclic4.09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	1.77 ug/L	155892	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





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Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

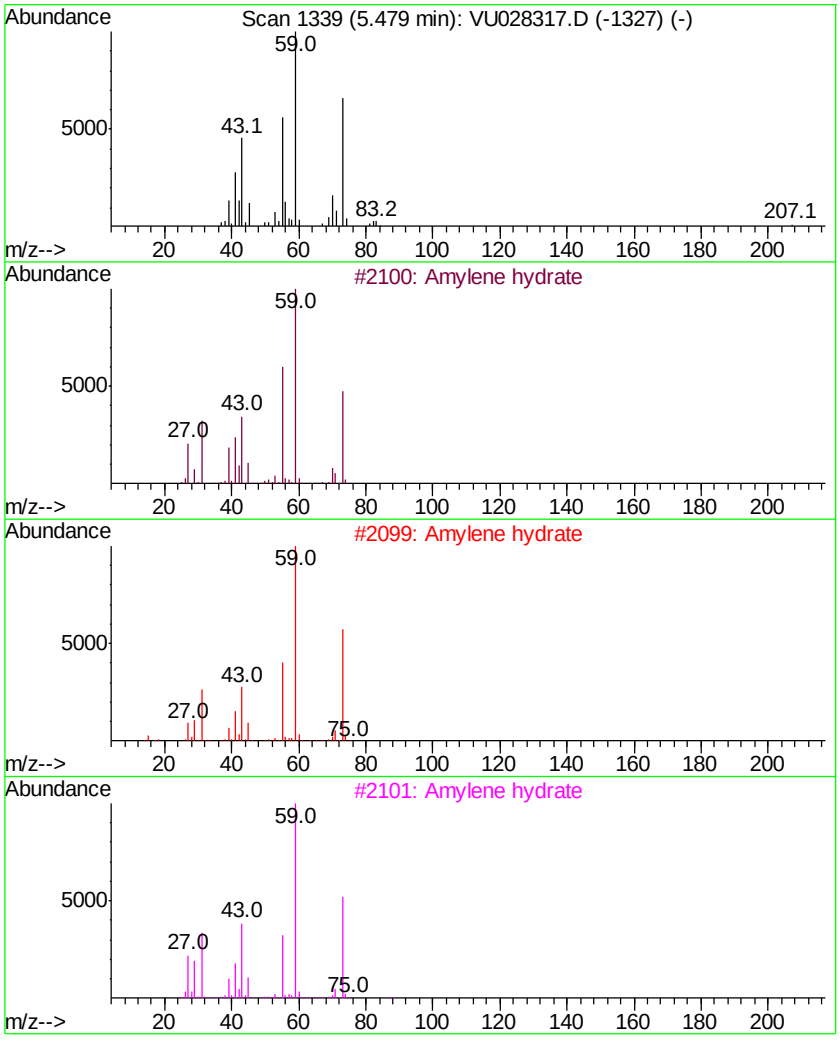
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

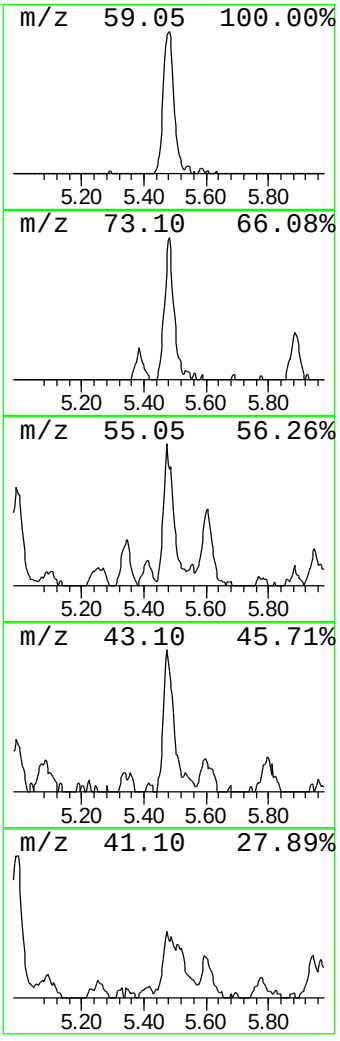
****

Peak Number 8 Amylene hydrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	0.66 ug/L	57869	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	Amylene hydrate	88	C5H12O	000075-85-4	72
3	Amylene hydrate	88	C5H12O	000075-85-4	64
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	59
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

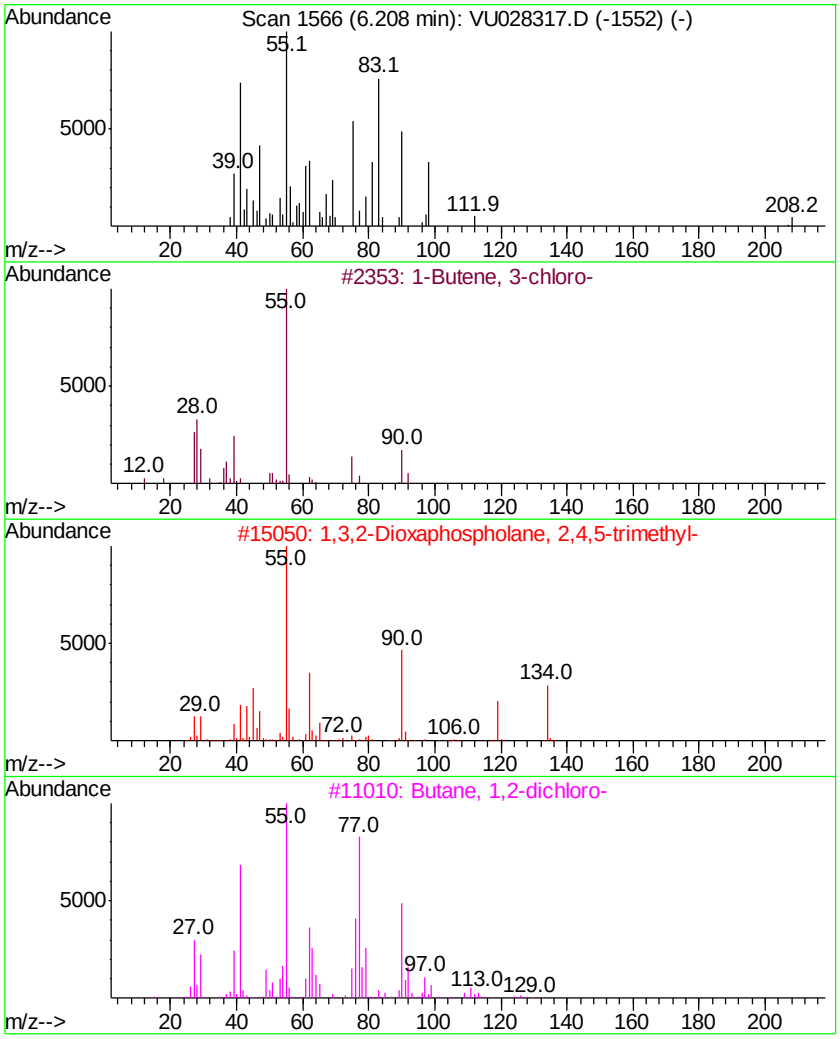
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

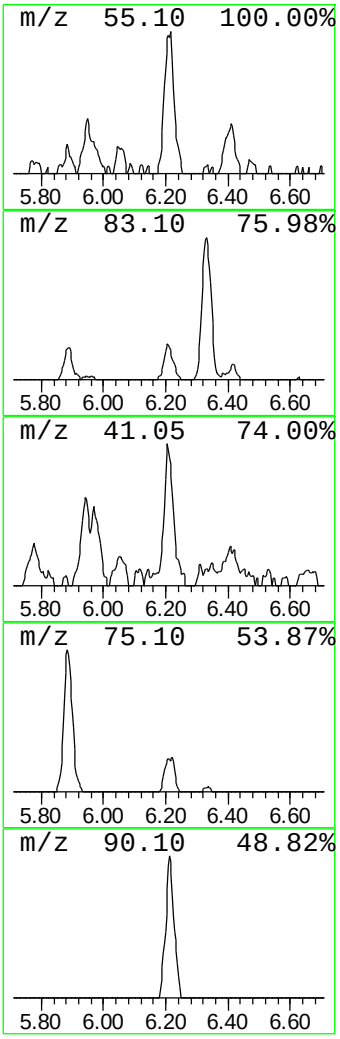
****

Peak Number 9 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	0.54 ug/L	47671	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3-chloro-	90	C4H7Cl	000563-52-0	12
2	1,3,2-Dioxaphospholane, 2,4,5-tr...	134	C5H11O2P	1000149-31-0	12
3	Butane, 1,2-dichloro-	126	C4H8Cl2	000616-21-7	12
4	2H-Pyran, 3,4-dihydro-4-methyl-	98	C6H10O	002270-61-3	10
5	2-ethoxy-3,5-hexadiene	126	C8H14O	1000365-96-6	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

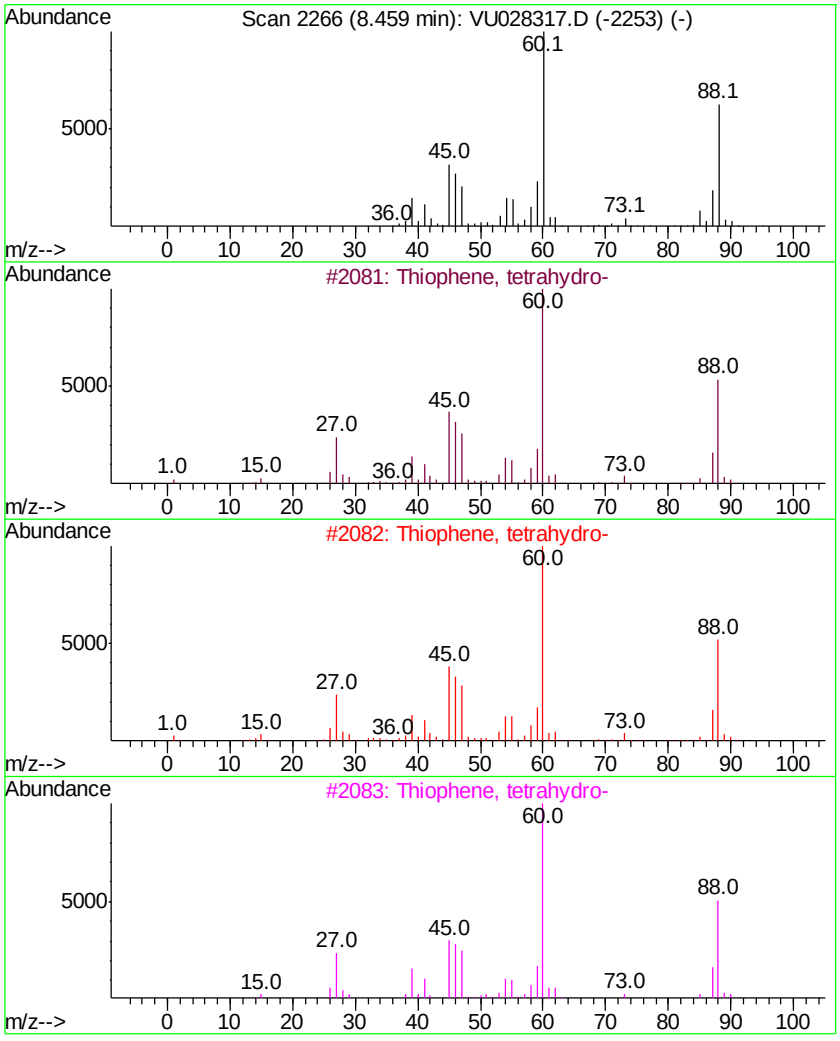
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

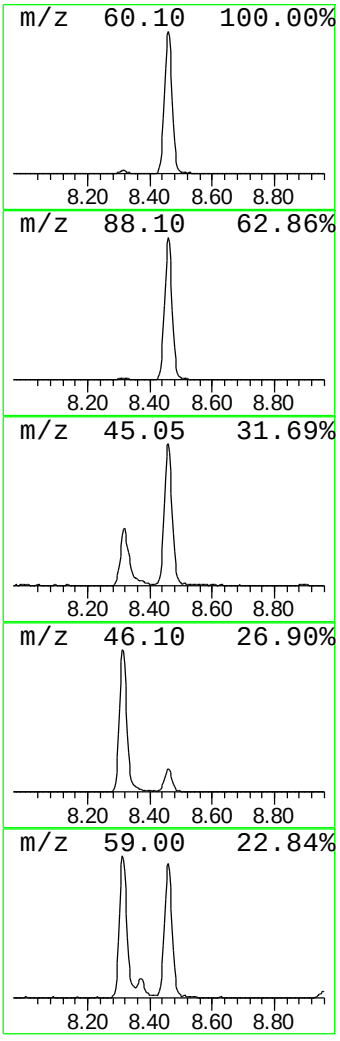
****

Peak Number 11 Thiophene, tetrahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	6.10 ug/L	653084	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	97
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	91
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	74
5	Ethylvinyl sulfide	88	C4H8S	000627-50-9	40





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Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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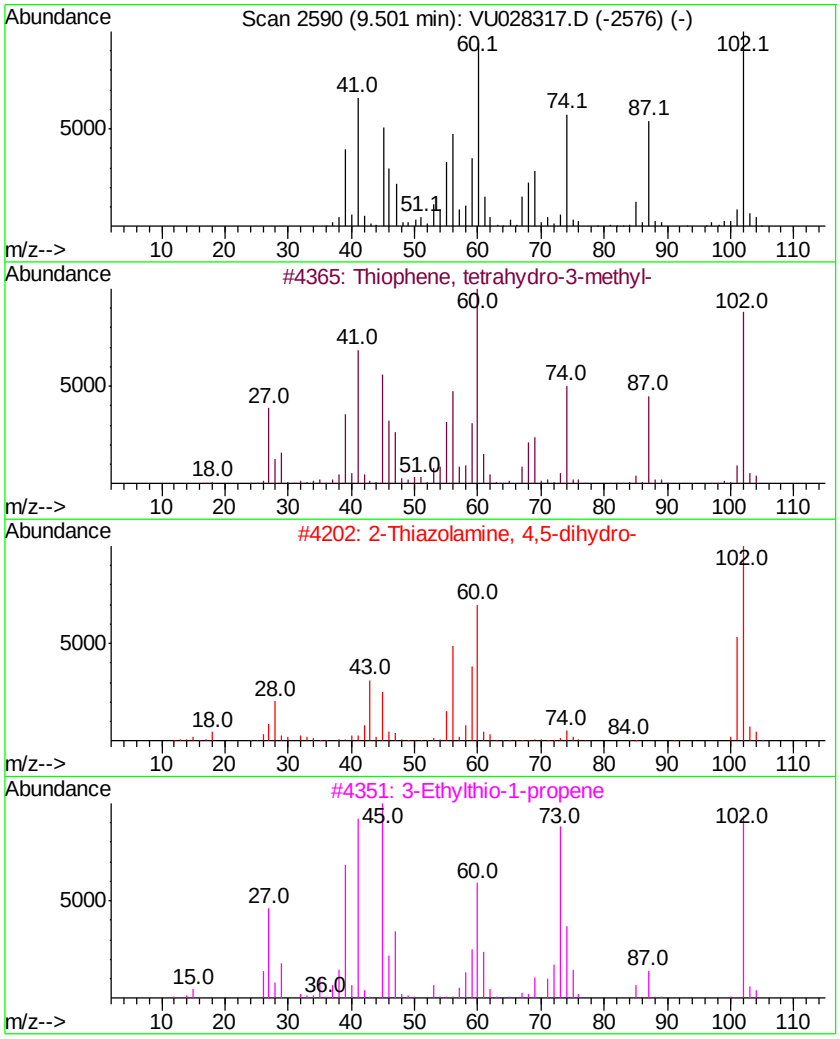
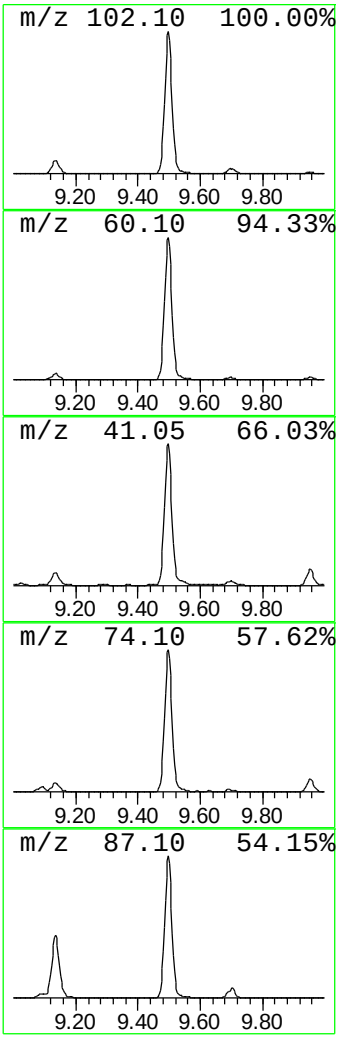
Peak Number 12 Thiophene, tetrahydro-3-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	9.93 ug/L	1063460	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	98
2	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	52
3	3-Ethylthio-1-propene	102	C5H10S	005296-62-8	43
4	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	43
5	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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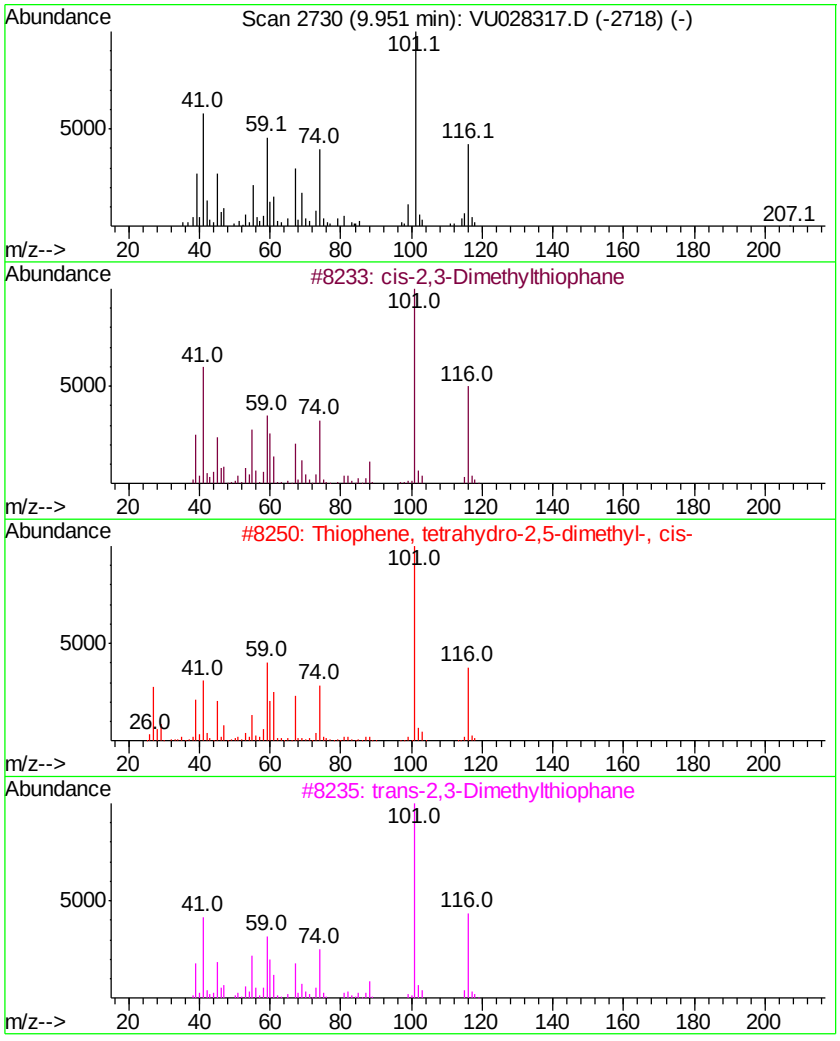
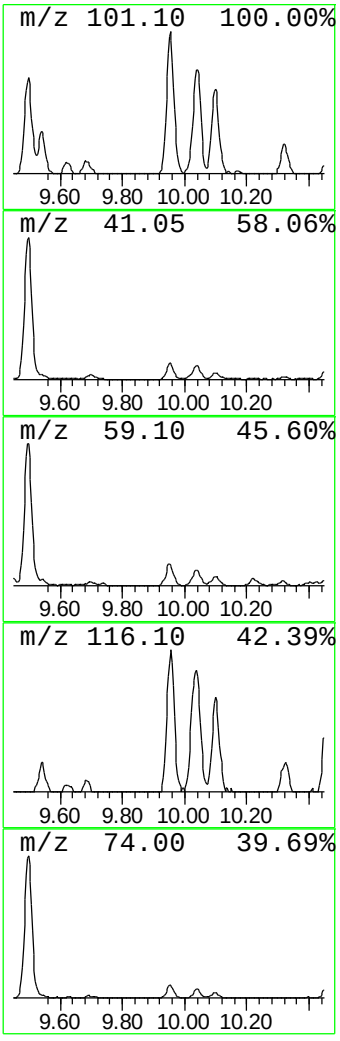
Peak Number 13 cis-2,3-Dimethylthiophane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	0.86 ug/L	92600	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	91
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	87
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	81
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	72
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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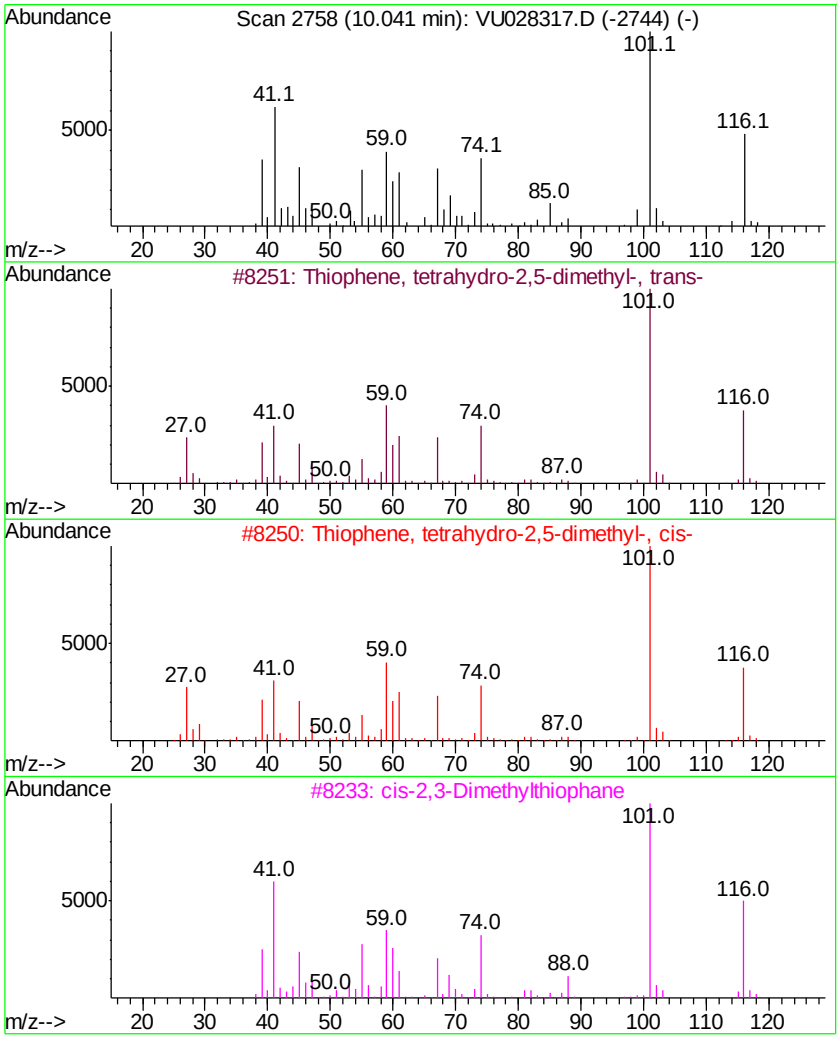
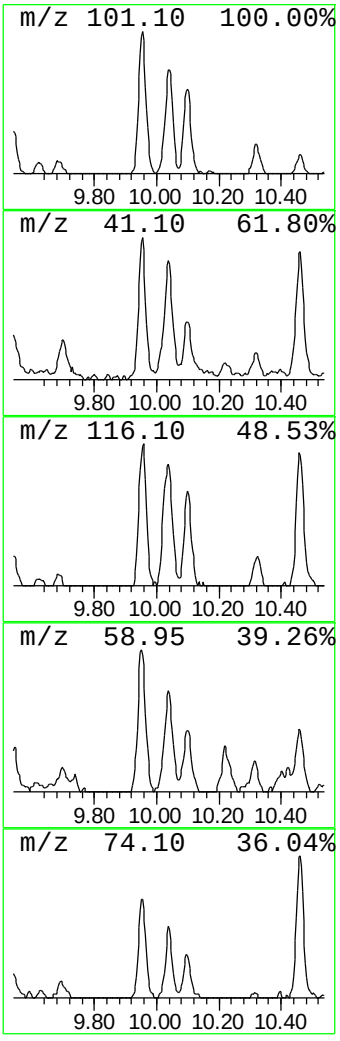
Peak Number 14 Thiophene, tetrahydro-2,5-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	0.99 ug/L	106017	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	94
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	94
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	94
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	83
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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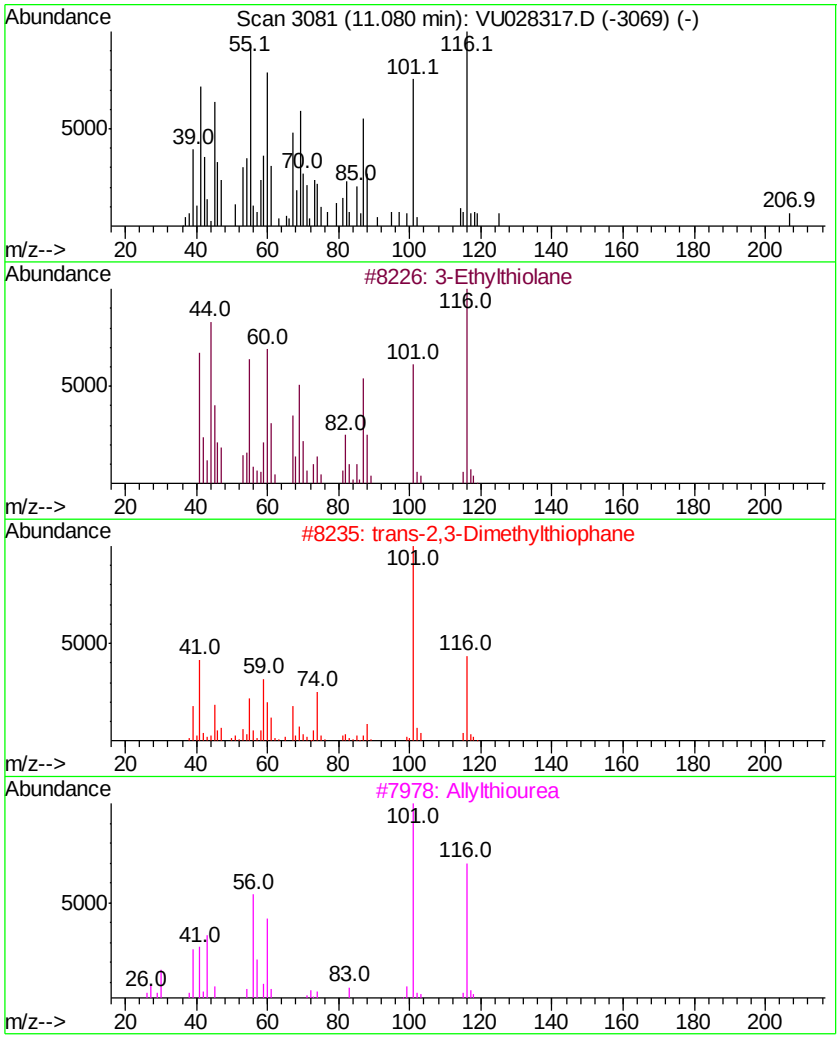
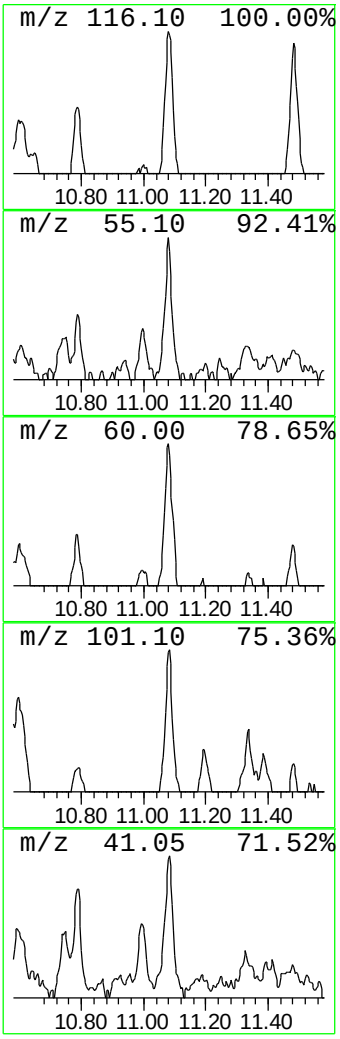
Peak Number 15 3-Ethylthiolane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	0.59 ug/L	60462	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylthiolane	116	C6H12S	062184-67-2	93
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	46
3	Allylthiourea	116	C4H8N2S	000109-57-9	38
4	2H-Thiopyran, tetrahydro-3-methyl-	116	C6H12S	005258-50-4	38
5	Formic acid, ethoxymethylene hyd...	116	C4H8N2O2	006699-99-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
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
(DEL) Alkane: Str...	1.30	2.8	ug/L	249375	1	5.89	441244	5.0
(DEL) Alkane: Str...	1.76	35.4	ug/L	3127420	1	5.89	441244	5.0
(DEL) Alkane: Cyc...	1.95	1.1	ug/L	95261	1	5.89	441244	5.0
(DEL) Alkane: Str...	2.70	1.8	ug/L	160240	1	5.89	441244	5.0
(DEL) Alkane: Cyc...	2.79	16.6	ug/L	1466030	1	5.89	441244	5.0
(DEL) Alkane: Cyc...	3.88	0.5	ug/L	47927	1	5.89	441244	5.0
(DEL) Alkane: Cyc...	4.09	1.8	ug/L	155892	1	5.89	441244	5.0
Amylene hydrate	5.48	0.7	ug/L	57869	1	5.89	441244	5.0
unknown-01	6.21	0.5	ug/L	47671	1	5.89	441244	5.0
Thiophene, tetrah...	8.46	6.1	ug/L	653084	2	9.09	535460	5.0
Thiophene, tetrah...	9.50	9.9	ug/L	1063460	2	9.09	535460	5.0
cis-2,3-Dimethylt...	9.95	0.9	ug/L	92600	2	9.09	535460	5.0
Thiophene, tetrah...	10.04	1.0	ug/L	106017	2	9.09	535460	5.0
3-Ethylthiolane	11.08	0.6	ug/L	60462	3	11.48	510152	5.0