LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

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\SOMUTR053120WMA.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	1.369	3	9	17	rBV2	34920	35562	2.78%	0.252%
2	1.613	73	85	93	rBV	106329	125981	9.84%	0.892%
3	1.665	94	101	109	rBV	36153	47176	3.68%	0.334%
4	1.932	176	184	197	rVB	85845	109101	8.52%	0.772%
5	2.594	379	390	406	rBV	179024	311489	24.33%	2.204%
6	2.674	407	415	441	rVB2	13788	39247	3.06%	0.278%
7	4.674	1021	1037	1075	rBV	164813	512576	40.03%	3.628%
8	4.845	1077	1090	1113	rVB	73706	171838	13.42%	1.216%
9	5.102	1154	1170	1190	rBV	177427	385948	30.14%	2.731%
10	5.423	1257	1270	1285	rBV4	14633	31637	2.47%	0.224%
11	5.761	1351	1375	1389	rBV2	351298	922122	72.01%	6.526%
12	5.829	1389	1396	1411	rVB2	30205	60246	4.70%	0.426%
13	6.282	1521	1537	1560	rBV	349602	680088	53.11%	4.813%
14	6.594	1615	1634	1651	rBV3	28460	59524	4.65%	0.421%
15	6.719	1659	1673	1693	rBV	224821	432094	33.74%	3.058%
16	6.822	1694	1705	1717	rVB6	17341	33595	2.62%	0.238%
17	7.591	1928	1944	1960	rBV2	118068	211226	16.50%	1.495%
18	7.922	2033	2047	2080	rBV	401325	738318	57.66%	5.225%
19	8.201	2119	2134	2150	rBV	69224	118996	9.29%	0.842%
20	8.436	2197	2207	2217	rBV4	11061	19605	1.53%	0.139%
21	8.655	2260	2275	2313	rBV	683091	1280530	100.00%	9.062%
22	9.346	2481	2490	2502	rVB7	7214	14819	1.16%	0.105%
23	9.436	2502	2518	2555	rBV	503478	864479	67.51%	6.118%
24	9.845	2632	2645	2671	rBV2	238765	456688	35.66%	3.232%
25	10.295	2767	2785	2797	rBV5	57329	106047	8.28%	0.750%
26	10.378	2799	2811	2821	rVV2	91405	162951	12.73%	1.153%
27	10.439	2821	2830	2847	rVV	115217	198705	15.52%	1.406%
28	10.542	2850	2862	2874	rVV4	9965	19446	1.52%	0.138%
29	10.771	2914	2933	2938	rBV	202446	385014	30.07%	2.725%
30	10.803	2939	2943	2954	rVV3	193126	293855	22.95%	2.080%
31	10.861	2954	2961	2967	rVV3	38158	61565	4.81%	0.436%
32	10.906	2968	2975	2978	rVV5	31288	46467	3.63%	0.329%
33	10.951	2978	2989	3006	rVV5	231343	530944	41.46%	3.758%
34	11.025	3006	3012	3020	rVV5	9011	15700	1.23%	0.111%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

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\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

35	11.079	3020	3029	3037	rVV7	12382	21236	1.66%	0.150%
36	11.134	3037	3046	3056	rVB4	18744	30729	2.40%	0.217%
37	11.272	3079	3089	3097	rBV5	14071	24825	1.94%	0.176%
38	11.336	3098	3109	3118	rVV2	67402	112944	8.82%	0.799%
39	11.414	3118	3133	3150	rVB7	168832	457051	35.69%	3.235%
40	11.533	3159	3170	3179	rBV3	26855	47718	3.73%	0.338%
41	11.590	3180	3188	3195	rVB9	12370	19651	1.53%	0.139%
42	11.648	3195	3206	3224	rBV9	64718	215780	16.85%	1.527%
43	11.822	3249	3260	3271	rBV	577042	912878	71.29%	6.460%
44	11.957	3295	3302	3312	rBV7	11292	16655	1.30%	0.118%
45	12.028	3312	3324	3330	rVV5	52093	97293	7.60%	0.689%
46	12.082	3331	3341	3357	rVV5	105145	252019	19.68%	1.784%
47	12.201	3358	3378	3398	rVB2	516022	1106075	86.38%	7.828%
48	12.330	3410	3418	3423	rBV9	11036	19358	1.51%	0.137%
49	12.394	3429	3438	3442	rBV7	29498	49796	3.89%	0.352%
50	12.430	3443	3449	3457	rVV4	52279	89050	6.95%	0.630%
51	12.475	3457	3463	3478	rVB6	37767	84605	6.61%	0.599%
52	12.590	3493	3499	3506	rBV3	14850	21605	1.69%	0.153%
53	12.684	3524	3528	3532	rBV6	13343	16628	1.30%	0.118%
54	12.825	3562	3572	3575	rBV6	26328	41359	3.23%	0.293%
55	13.166	3672	3678	3694	rVB5	41351	80043	6.25%	0.566%
56	13.301	3713	3720	3727	rBV10	10572	18199	1.42%	0.129%
57	13.510	3777	3785	3792	rBV9	11898	22792	1.78%	0.161%
58	13.629	3816	3822	3831	rVB7	10030	14825	1.16%	0.105%
59	13.928	3905	3915	3919	rBV7	8800	15784	1.23%	0.112%
60	14.278	4015	4024	4034	rBV7	13229	27552	2.15%	0.195%
61	14.471	4070	4084	4091	rBV6	20107	39623	3.09%	0.280%
62	14.520	4091	4099	4109	rVB10	12323	22438	1.75%	0.159%
63	15.073	4261	4271	4284	rVB6	40124	73396	5.73%	0.519%
64	15.172	4294	4302	4312	rBV9	10703	21082	1.65%	0.149%
65	15.352	4339	4358	4370	rBV5	51504	107859	8.42%	0.763%
66	15.433	4374	4383	4390	rVV3	27593	48088	3.76%	0.340%
67	15.481	4391	4398	4409	rVB4	35177	60642	4.74%	0.429%
68	15.603	4425	4436	4449	rBV3	38836	70366	5.50%	0.498%
69	15.680	4449	4460	4472	rVB3	10143	23158	1.81%	0.164%
70	16.034	4561	4570	4581	rBV8	19553	34044	2.66%	0.241%
71	16.140	4595	4603	4615	rVB9	12898	25378	1.98%	0.180%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

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\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

72	16.455	4692	4701	4713	rVB9	8398	14293	1.12%	0.101%
73	17.388	4979	4991	5008	rBV2	152949	289800	22.63%	2.051%

Sum of corrected areas: 14130196

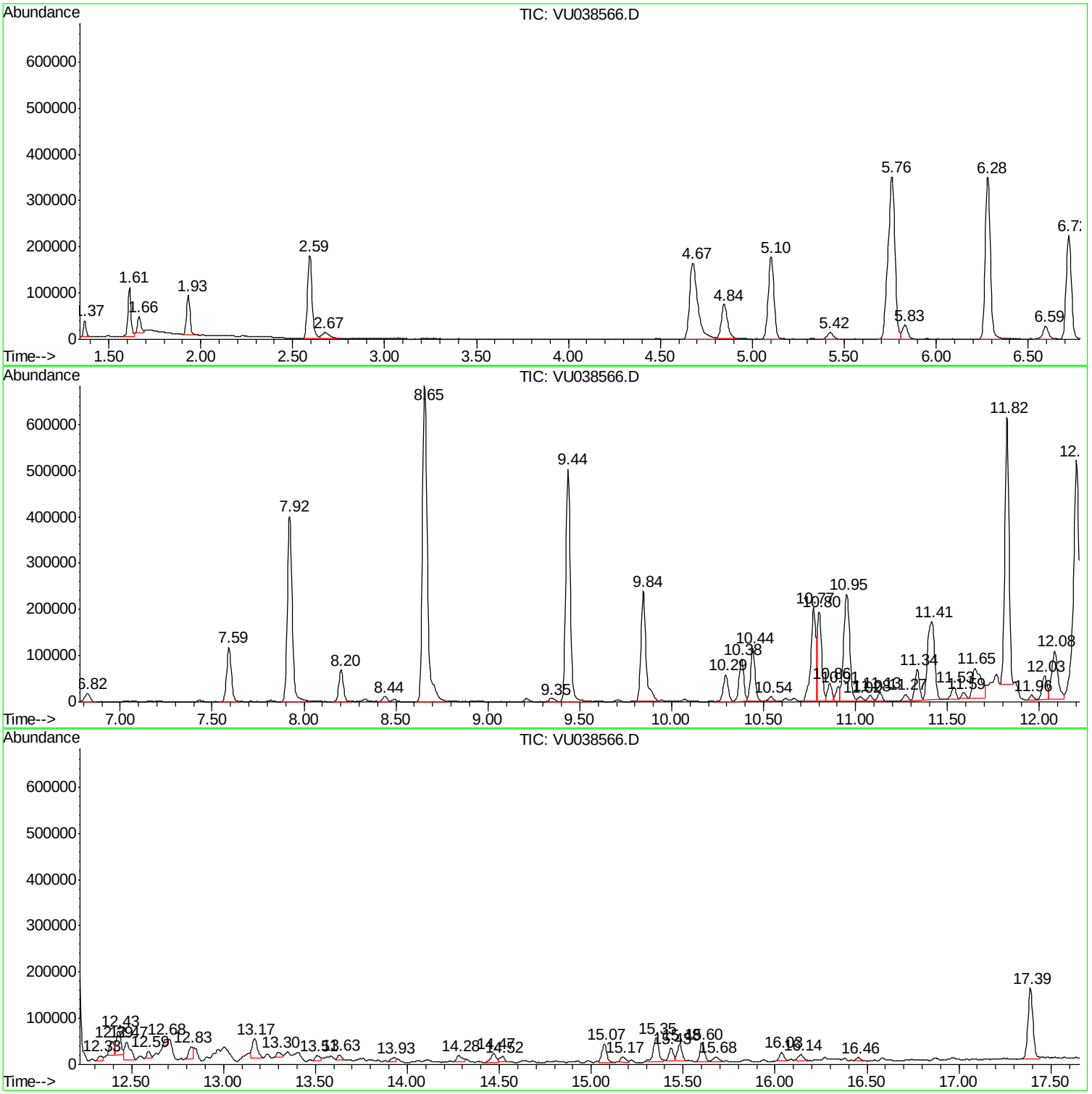
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.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\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

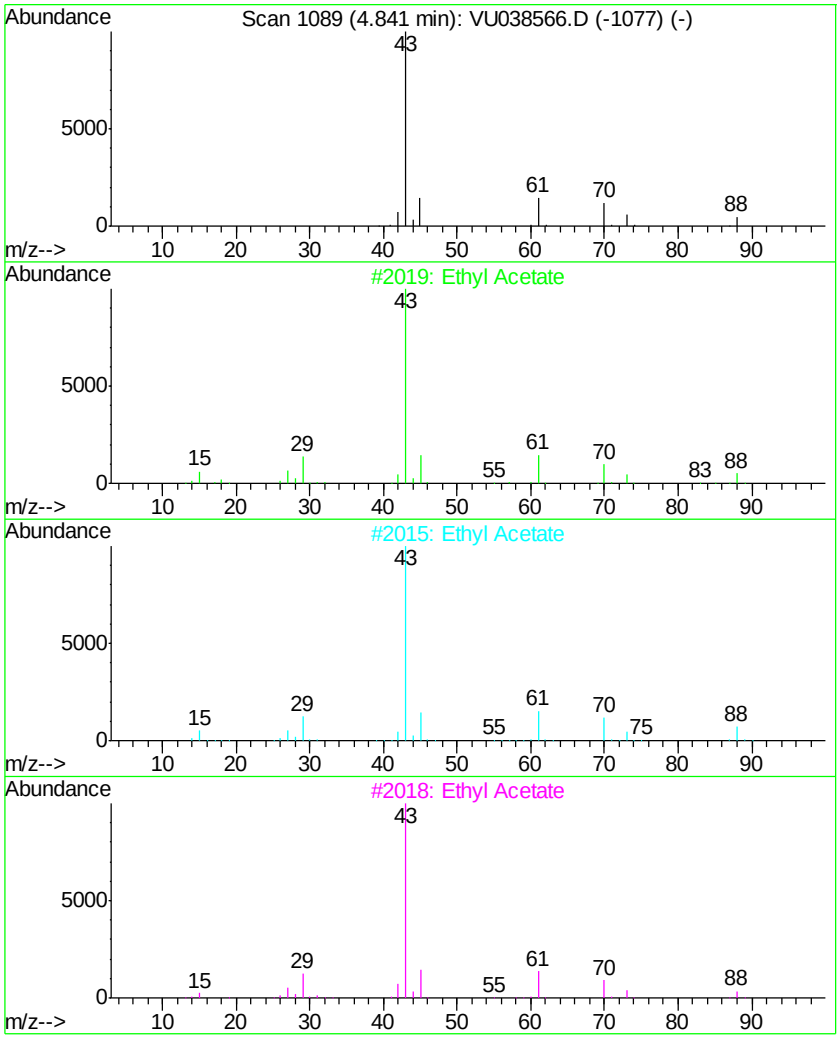
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

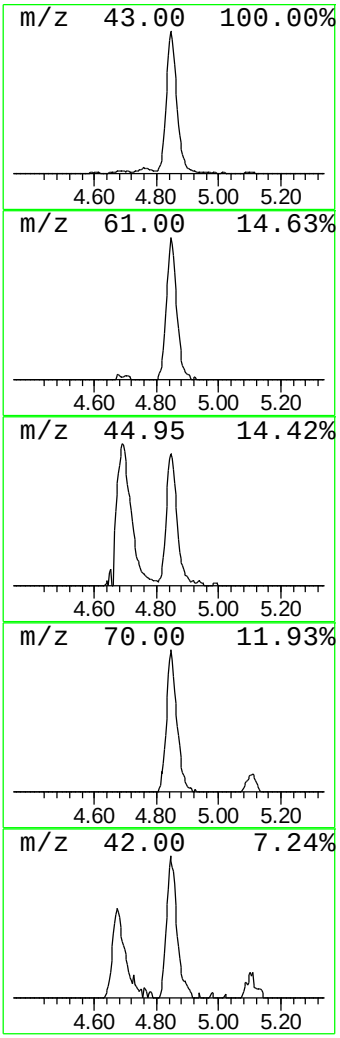
****

Peak Number 1 Ethyl Acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	1.26 ug/L	171838	1,4-Difluorobenzene	6.28

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	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

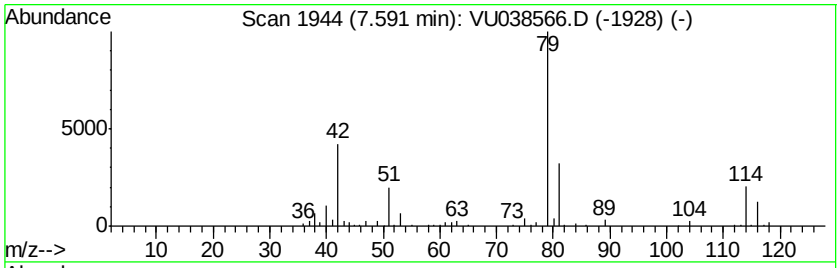
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

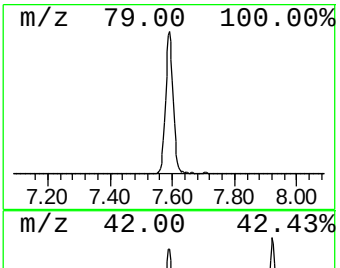
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	1.55 ug/L	211226	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	43
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	37
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	37
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

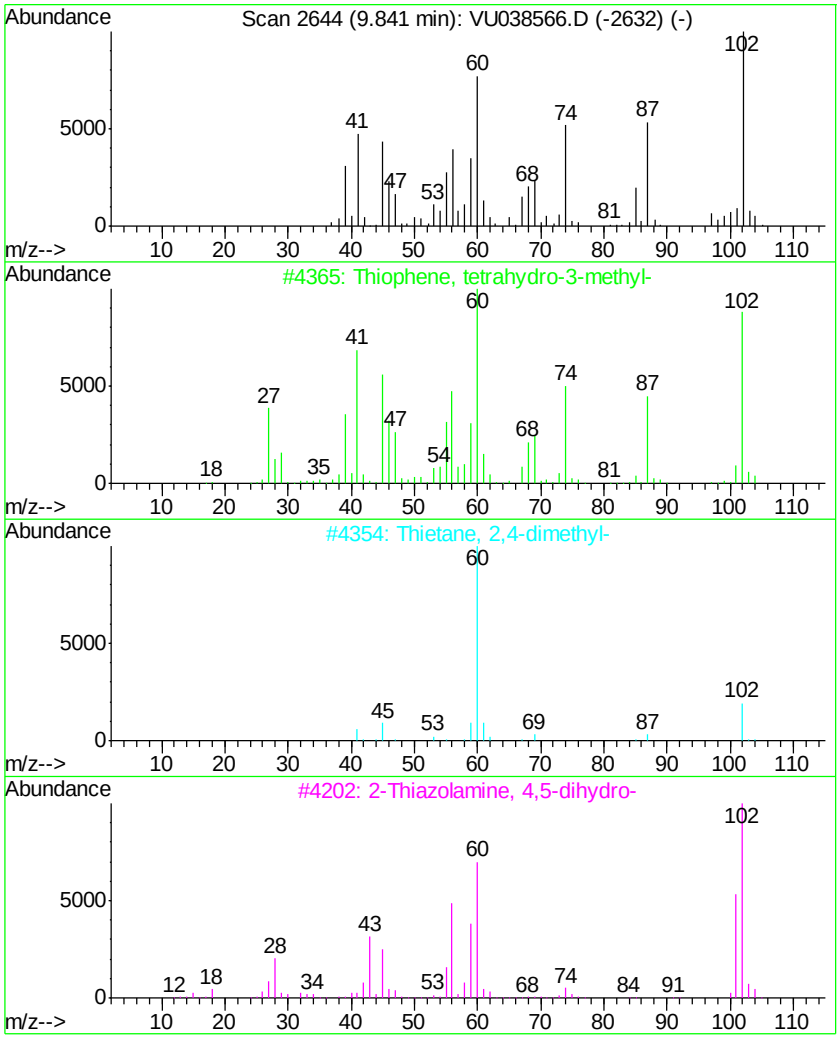
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

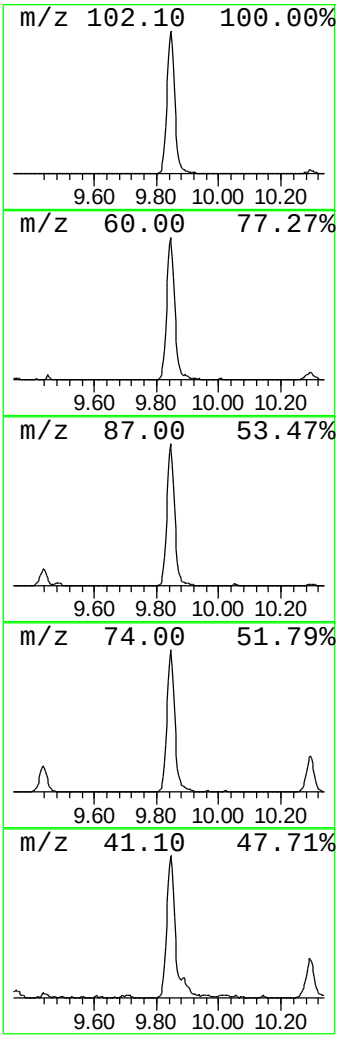
****

Peak Number 3 Thiophene, tetrahydro-3-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.64 ug/L	456688	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	96
2	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	47
3	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	46
4	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	45
5	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

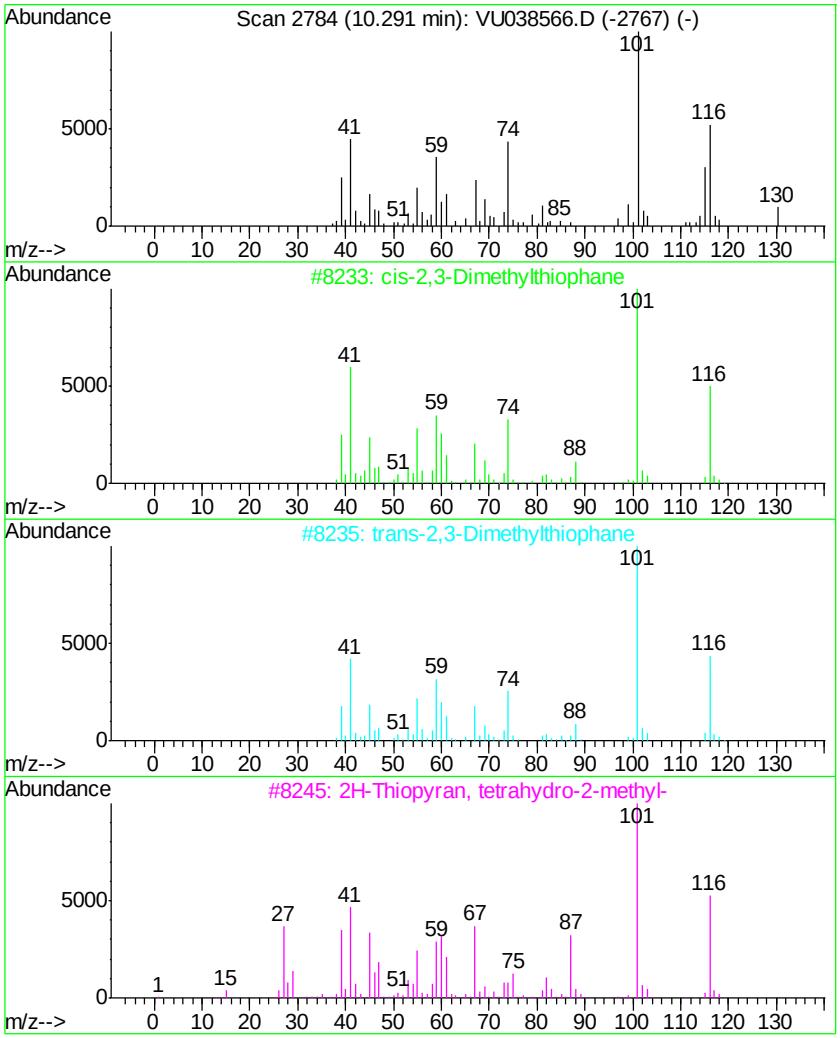
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

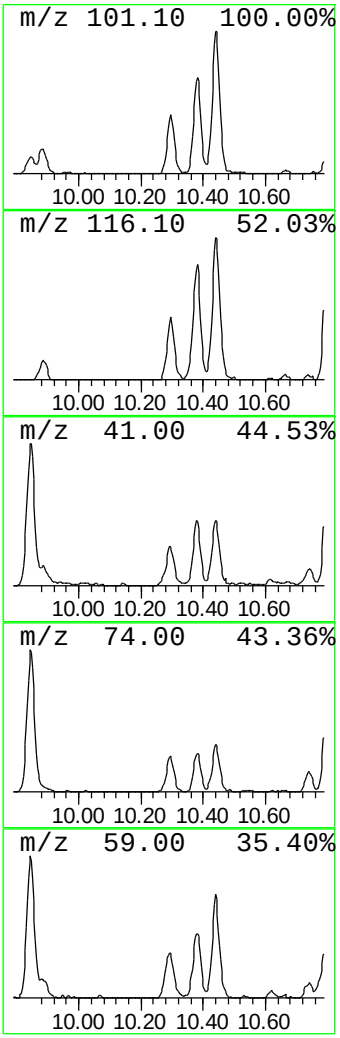
****

Peak Number 4 cis-2,3-Dimethylthiophane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	0.61 ug/L	106047	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	90
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	89
3	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	58
4	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	55
5	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

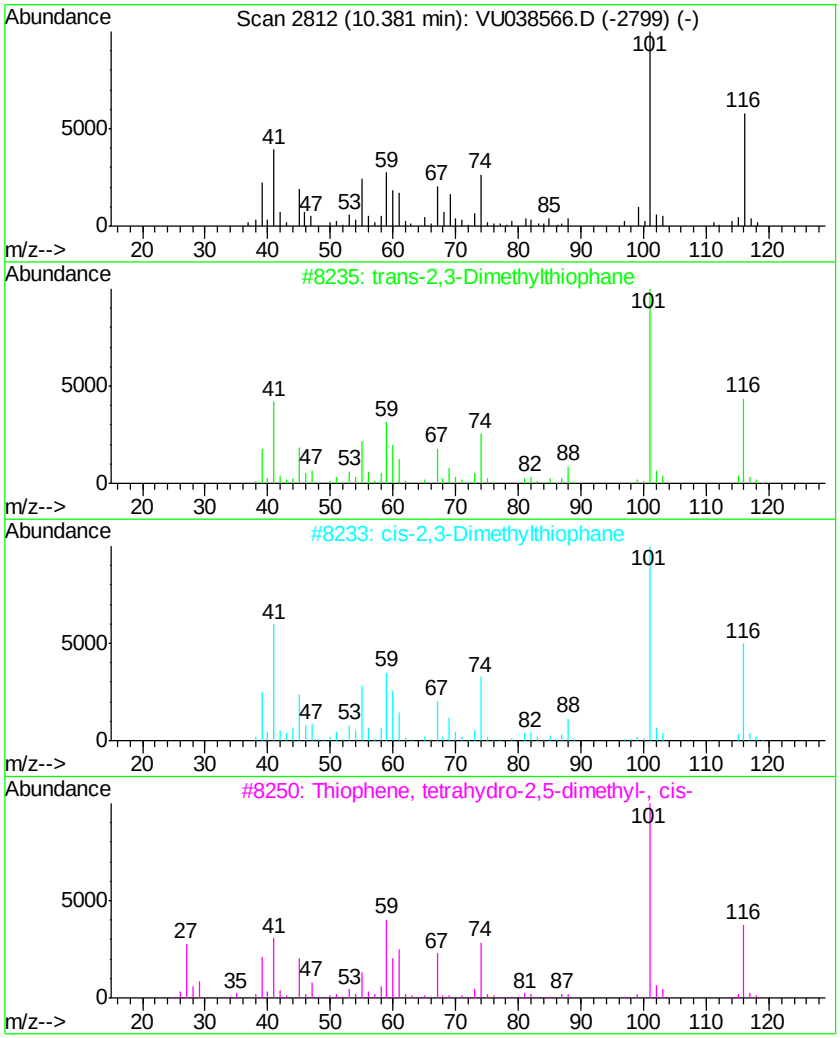
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

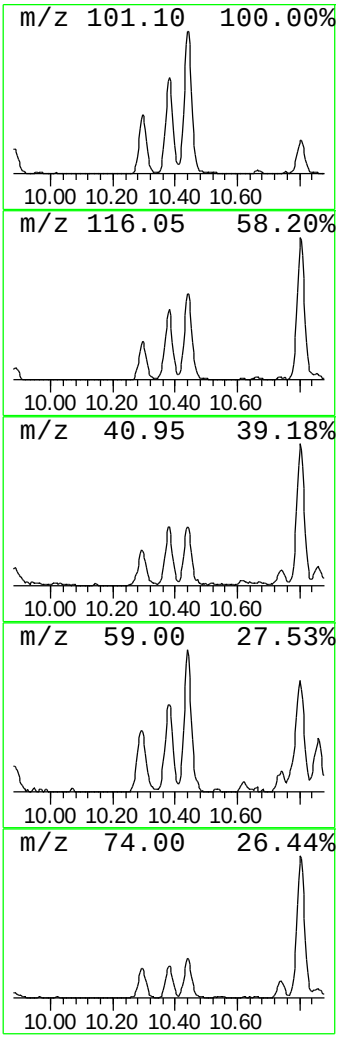
****

Peak Number 5 trans-2,3-Dimethylthiophane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	0.94 ug/L	162951	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	94
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	93
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	87
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	87
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

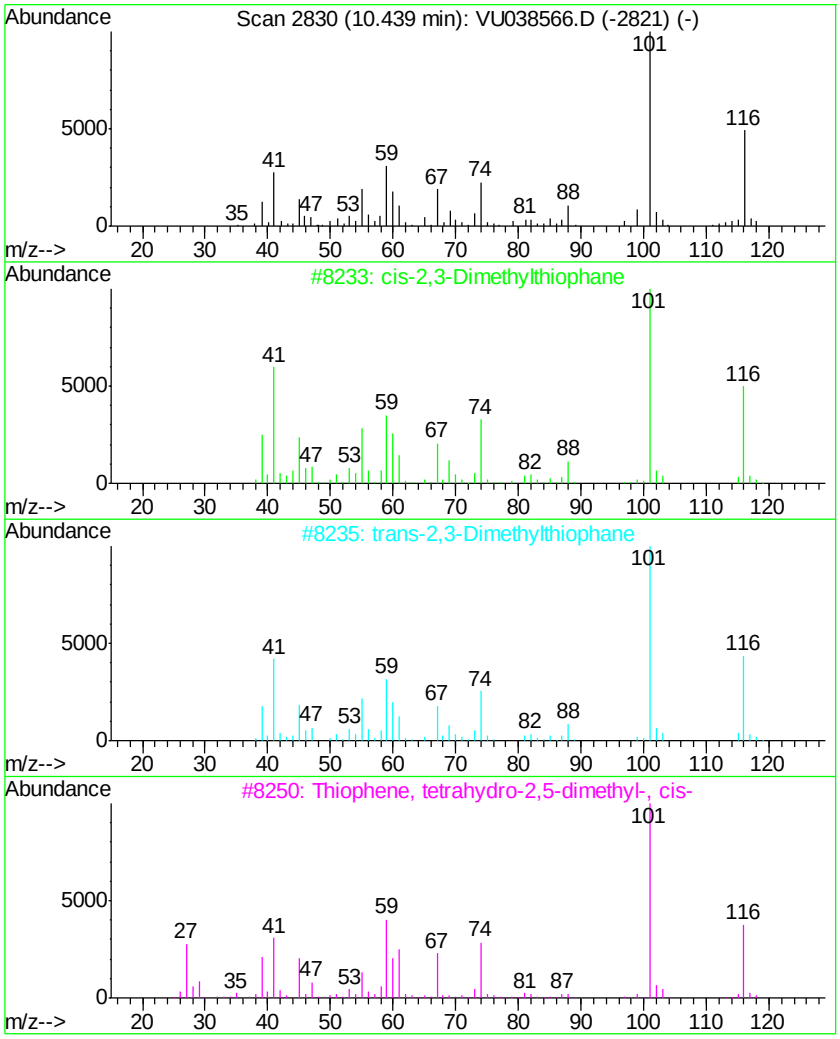
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

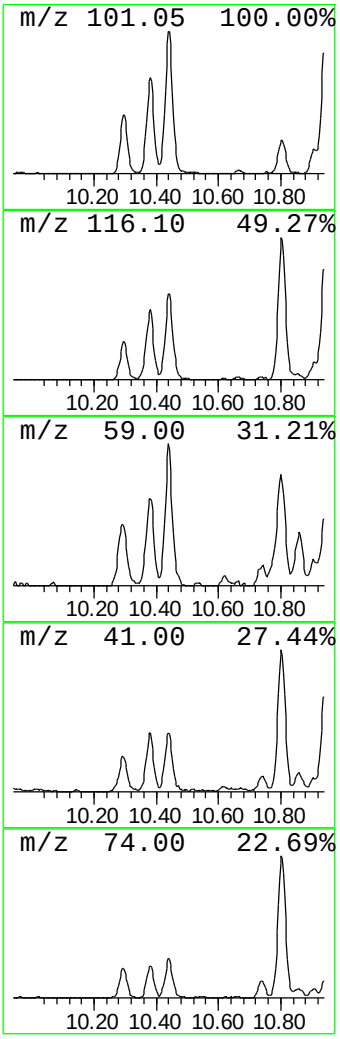
****

Peak Number 6 Thiophene, tetrahydro-2,5-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	1.15 ug/L	198705	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	97
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	96
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	83
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	83
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

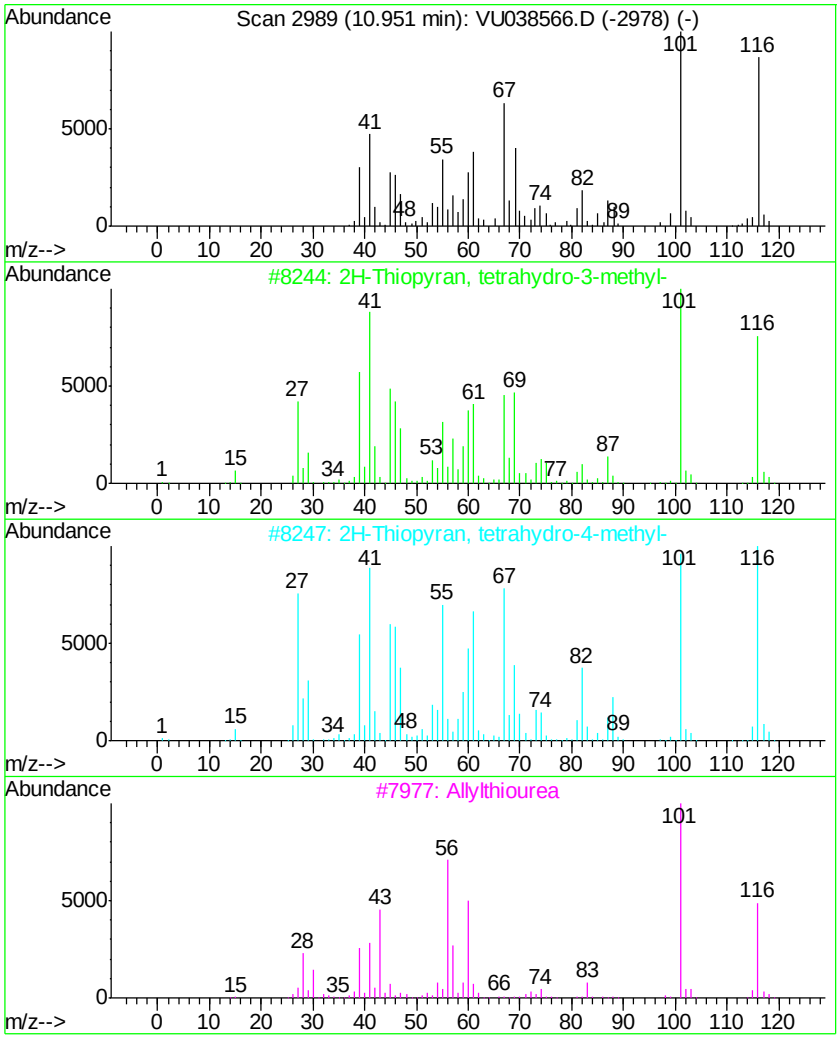
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

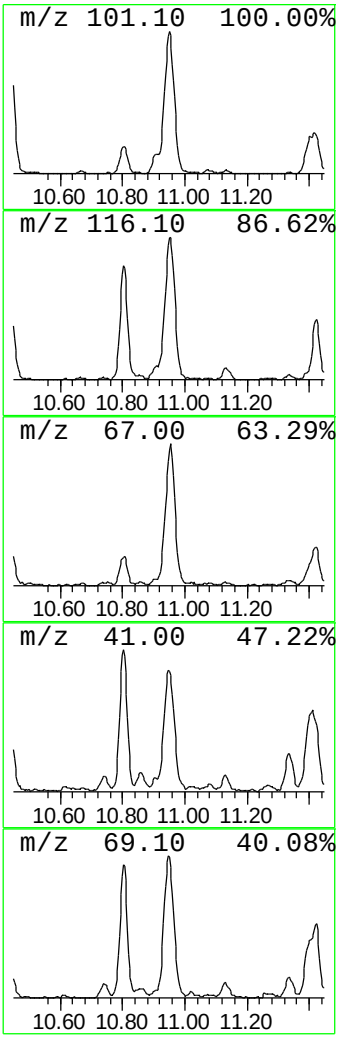
****

Peak Number 7 2H-Thiopyran, tetrahydro-3-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.91 ug/L	530944	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-3-methyl-	116	C6H12S	005258-50-4	95
2	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	94
3	Allylthiourea	116	C4H8N2S	000109-57-9	43
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	43
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

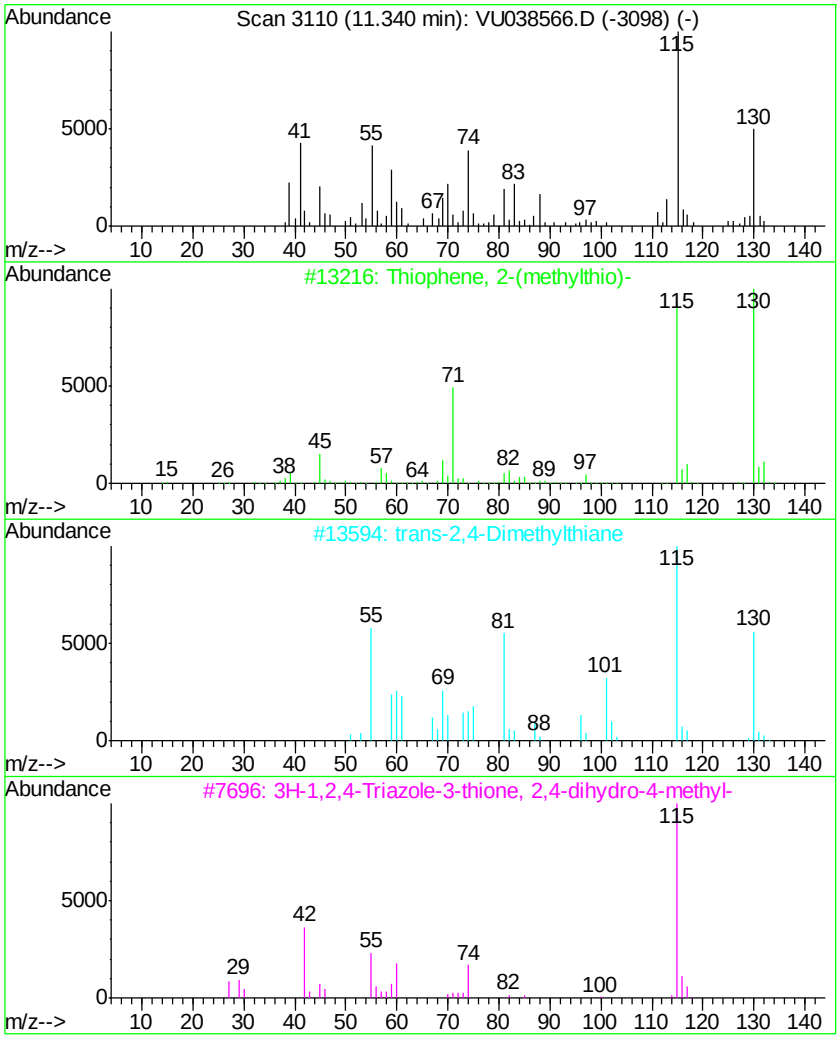
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

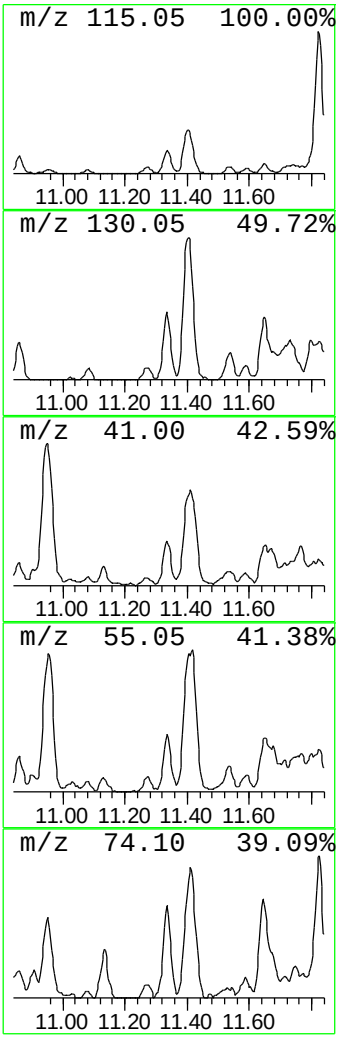
****

Peak Number 8 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.62 ug/L	112944	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(methylthio)-	130	C5H6S2	005780-36-9	38
2	trans-2,4-Dimethylthiane	130	C7H14S	061568-42-1	38
3	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	38
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	38
5	1H-Phosphole, 2,3-dihydro-1,4-di...	130	C6H11OP	015450-68-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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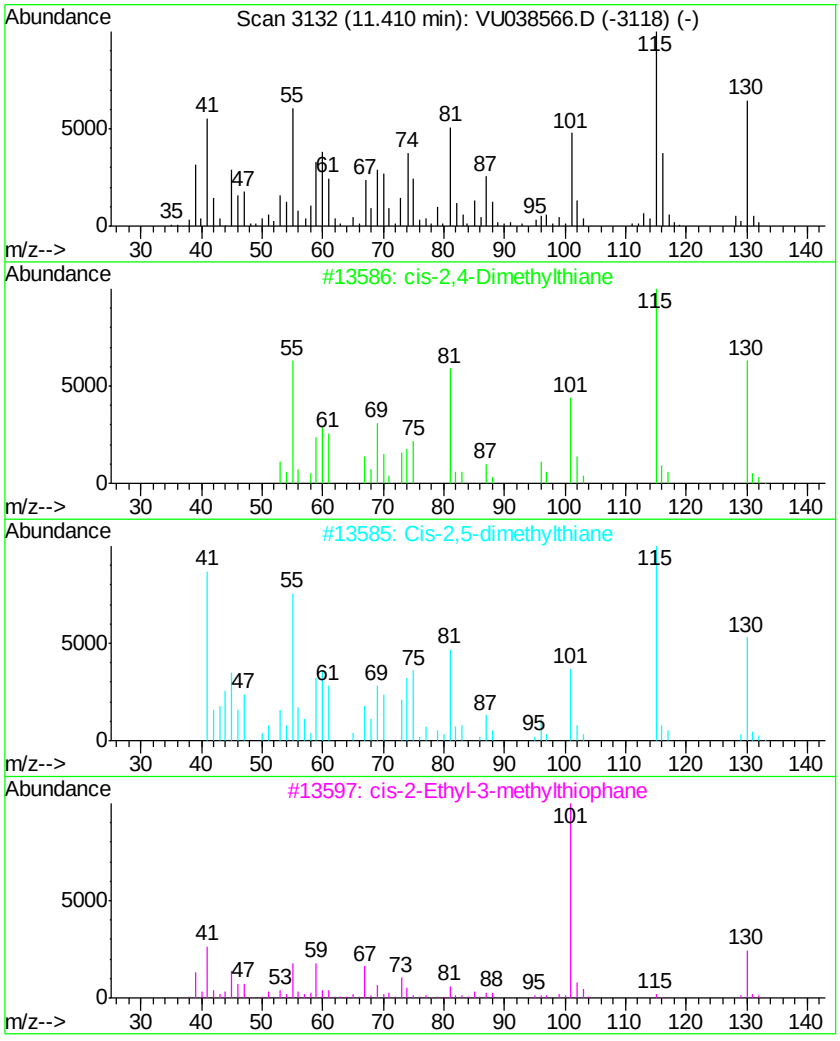
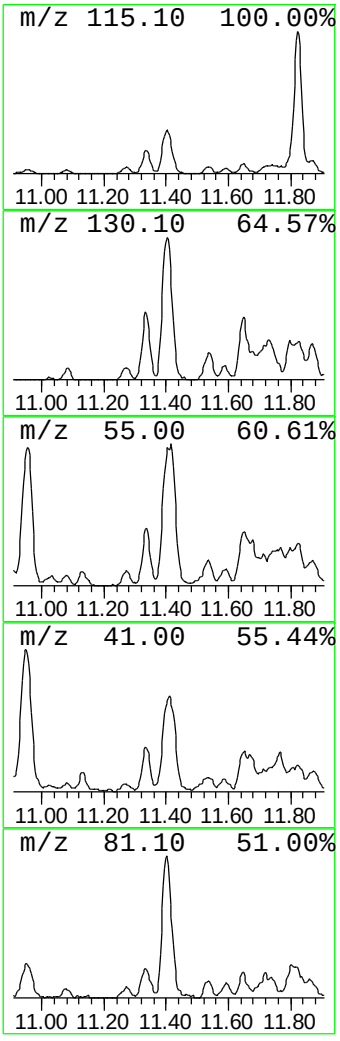
Peak Number 9 cis-2,4-Dimethylthiane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.50 ug/L	457051	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,4-Dimethylthiane	130	C7H14S	061568-43-2	86
2	Cis-2,5-dimethylthiane	130	C7H14S	1000215-06-6	74
3	cis-2-Ethyl-3-methylthiophane	130	C7H14S	061568-37-4	70
4	Trans-2,3-dimethylthiane	130	C7H14S	1000215-06-9	70
5	Trans-2,5-dimethylthiane	130	C7H14S	1000215-06-8	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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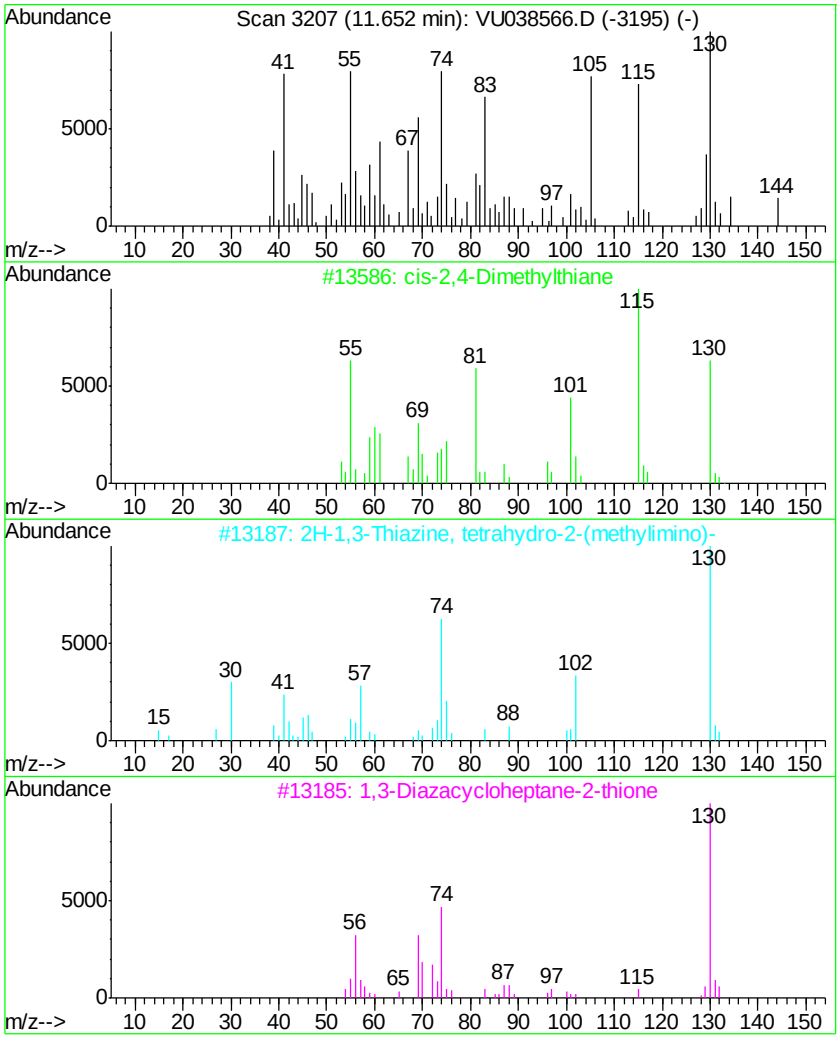
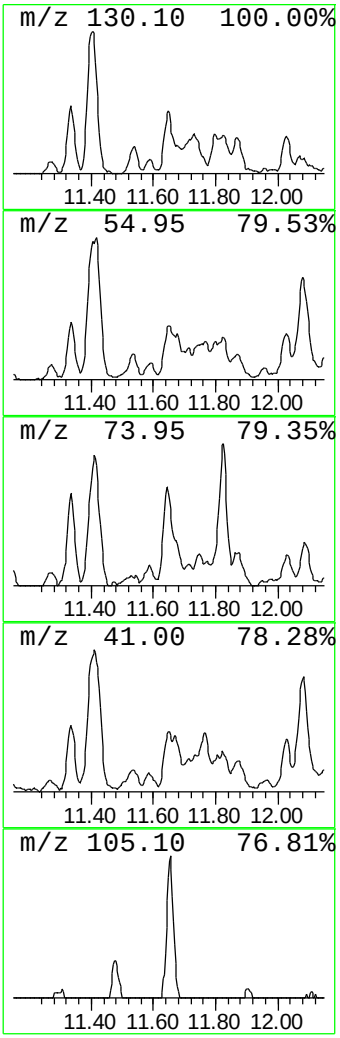
Peak Number 10 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.18 ug/L	215780	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,4-Dimethylthiane	130	C7H14S	061568-43-2	41
2	2H-1,3-Thiazine, tetrahydro-2-(m...	130	C5H10N2S	013866-04-1	38
3	1,3-Diazacycloheptane-2-thione	130	C5H10N2S	005700-04-9	38
4	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	30
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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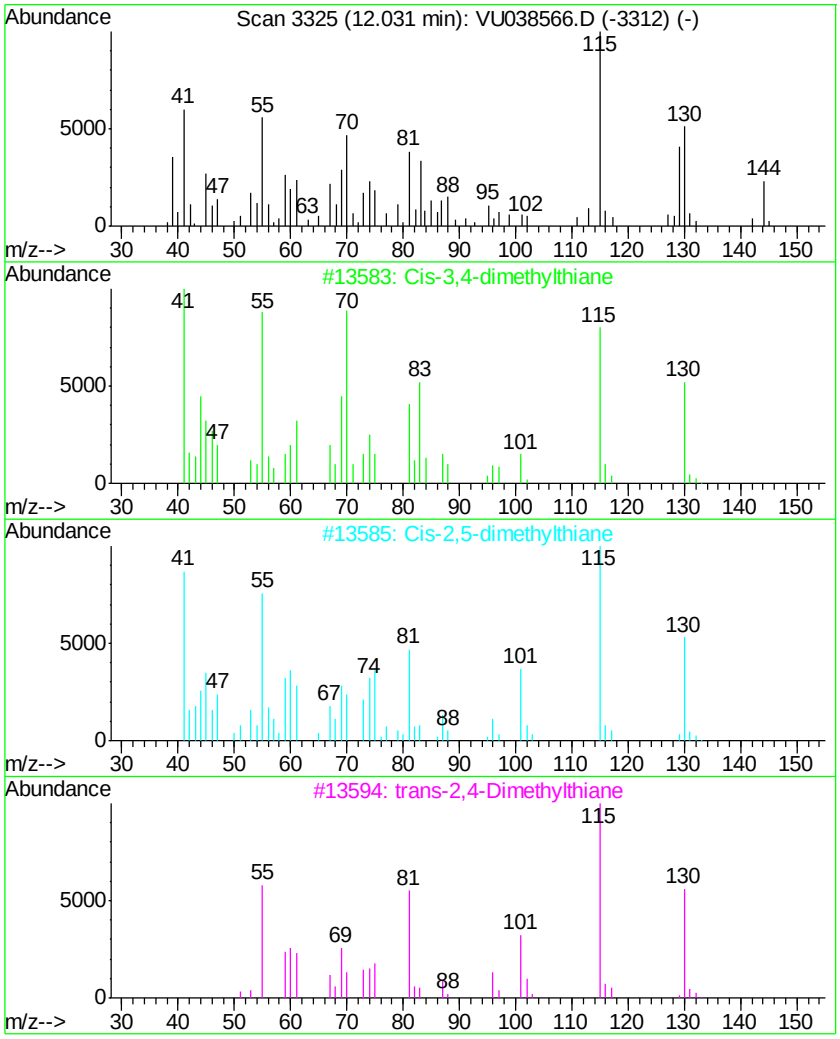
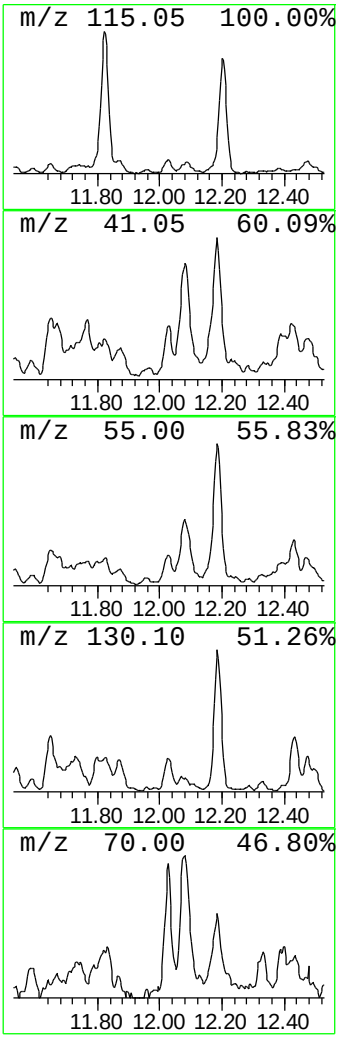
Peak Number 11 Cis-3,4-dimethylthiane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	0.53 ug/L	97293	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-3,4-dimethylthiane	130	C7H14S	1000215-07-0	55
2	Cis-2,5-dimethylthiane	130	C7H14S	1000215-06-6	52
3	trans-2,4-Dimethylthiane	130	C7H14S	061568-42-1	49
4	Trans-3,4-dimethylthiane	130	C7H14S	1000215-07-1	43
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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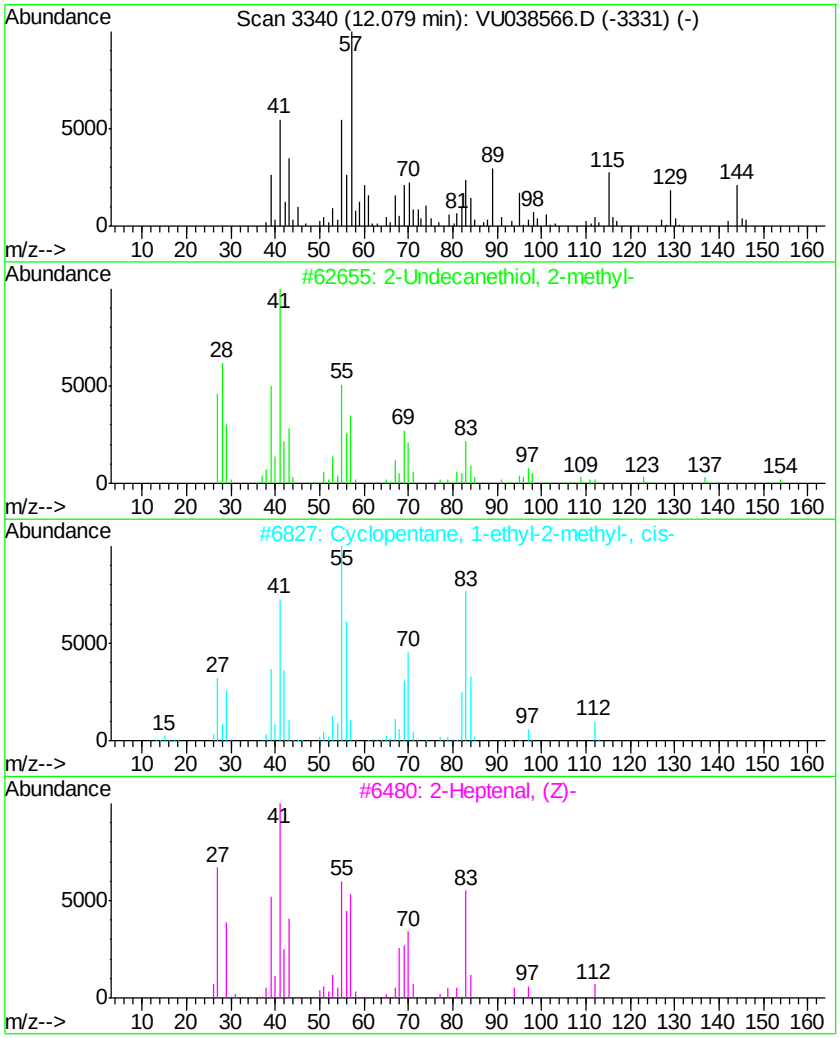
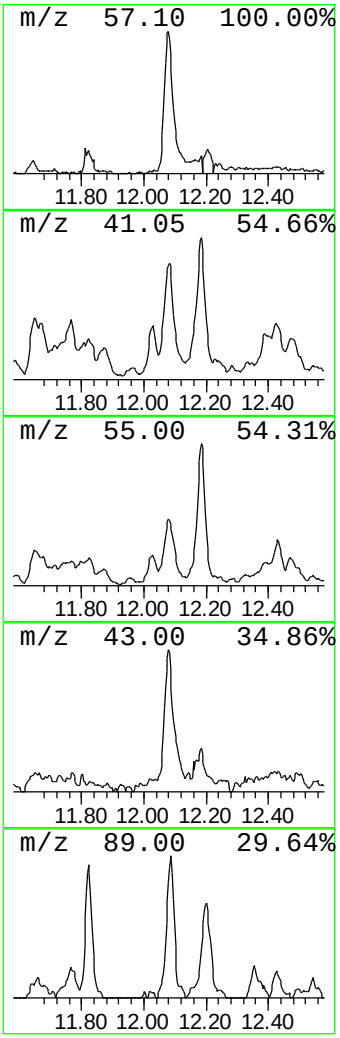
Peak Number 12 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	1.38 ug/L	252019	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	14
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	11
3	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	11
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	10
5	2-Octene, (E)-	112	C8H16	013389-42-9	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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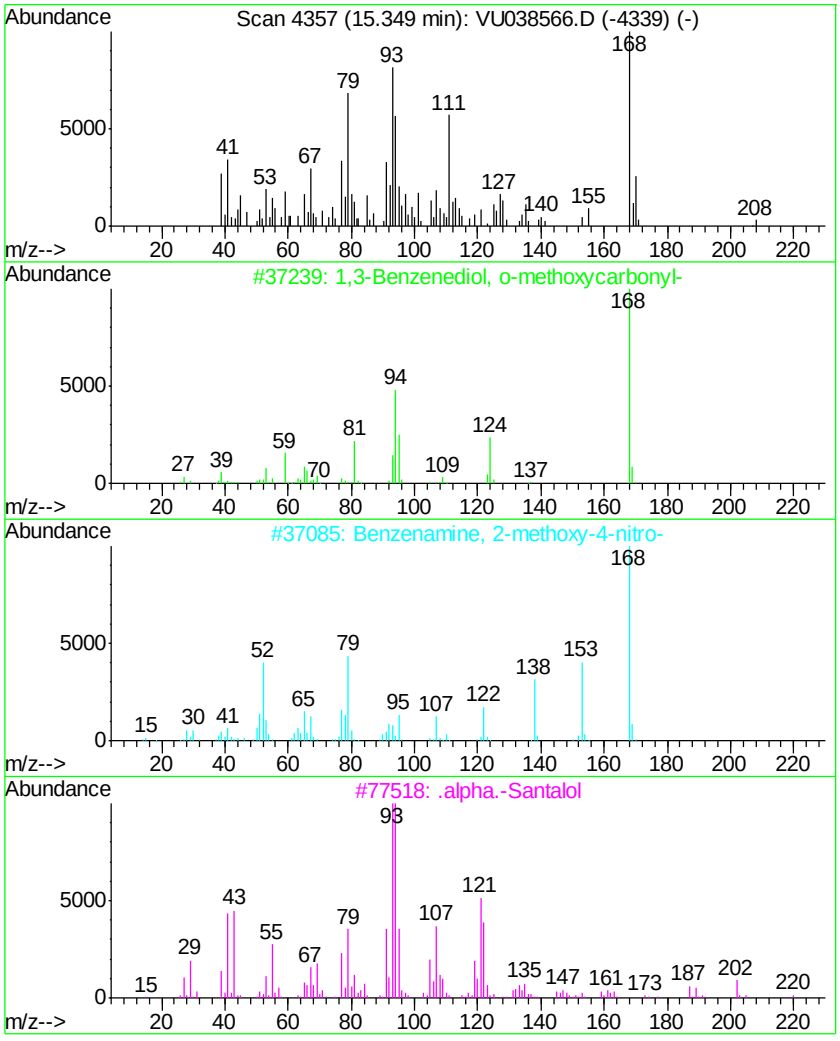
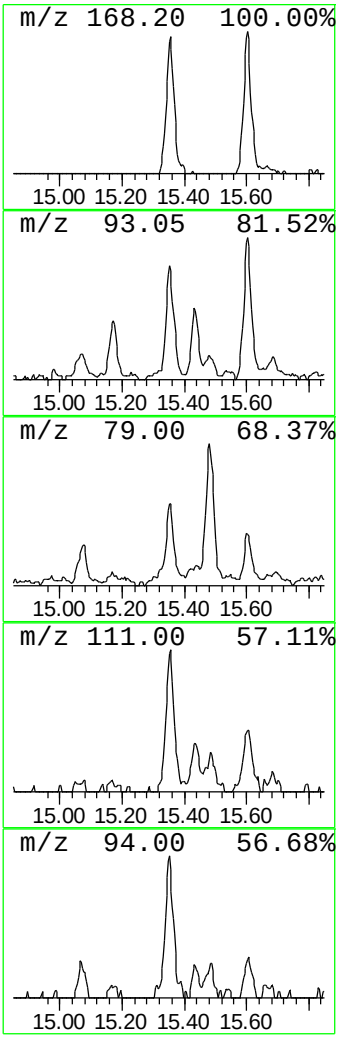
Peak Number 13 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	0.59 ug/L	107859	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, o-methoxycarbonyl-	168	C8H8O4	1000330-76-1	38
2	Benzenamine, 2-methoxy-4-nitro-	168	C7H8N2O3	000097-52-9	35
3	.alpha.-Santalol	220	C15H24O	000115-71-9	35
4	.beta.-Ocimene	136	C10H16	013877-91-3	30
5	Spiro[2.4]heptane-5-methanol, 5-...	142	C8H14O2	109532-58-3	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

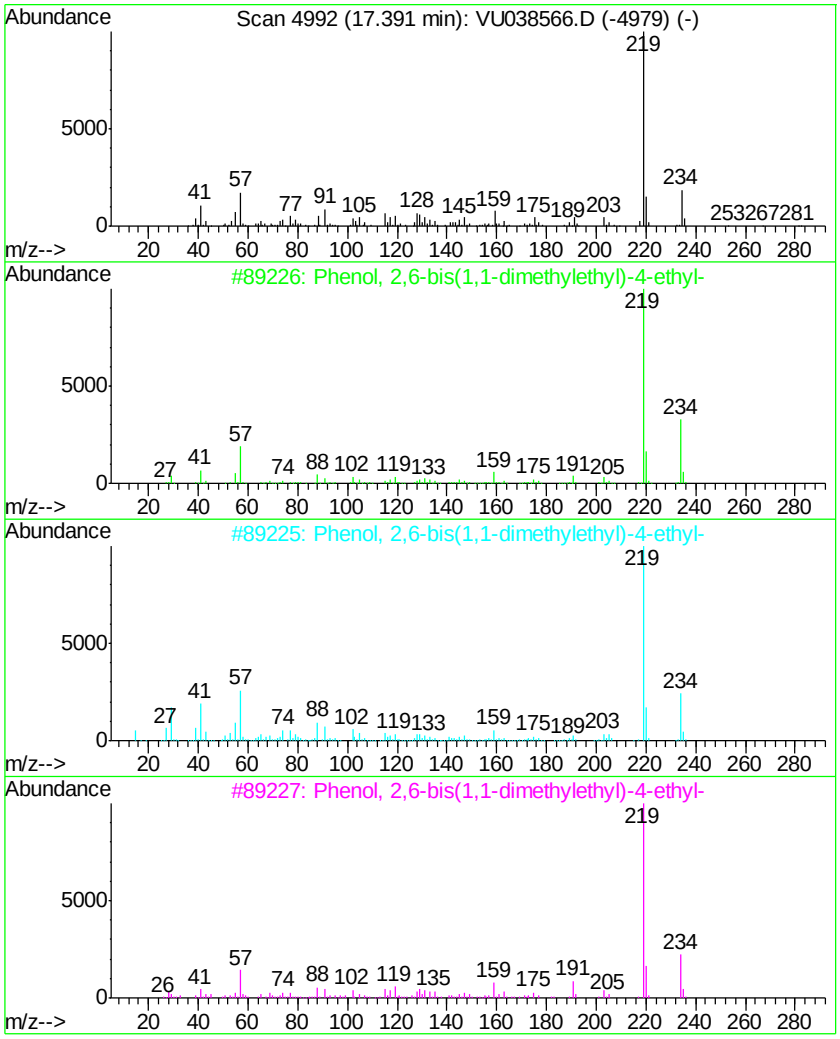
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

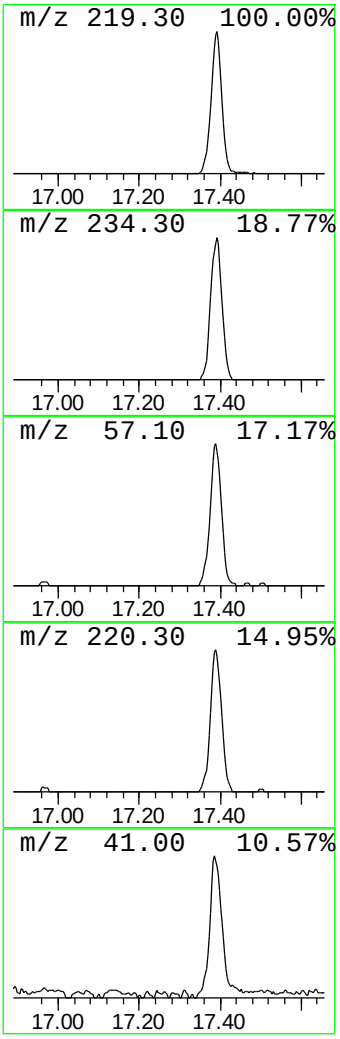
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	1.59 ug/L	289800	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	97
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.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
Ethyl Acetate	4.84	1.3	ug/L	171838	1	6.28	680088	5.0
unknown-01	7.59	1.6	ug/L	211226	1	6.28	680088	5.0
Thiophene, tetrah...	9.84	2.6	ug/L	456688	2	9.44	864479	5.0
cis-2,3-Dimethylt...	10.29	0.6	ug/L	106047	2	9.44	864479	5.0
trans-2,3-Dimethy...	10.38	0.9	ug/L	162951	2	9.44	864479	5.0
Thiophene, tetrah...	10.44	1.1	ug/L	198705	2	9.44	864479	5.0
2H-Thiopyran, tet...	10.95	2.9	ug/L	530944	3	11.82	912878	5.0
unknown-02	11.34	0.6	ug/L	112944	3	11.82	912878	5.0
cis-2,4-Dimethylt...	11.41	2.5	ug/L	457051	3	11.82	912878	5.0
unknown-03	11.65	1.2	ug/L	215780	3	11.82	912878	5.0
Cis-3,4-dimethylt...	12.03	0.5	ug/L	97293	3	11.82	912878	5.0
unknown-04	12.08	1.4	ug/L	252019	3	11.82	912878	5.0
unknown-05	15.35	0.6	ug/L	107859	3	11.82	912878	5.0
Phenol, 2,6-bis(1...	17.39	1.6	ug/L	289800	3	11.82	912878	5.0