LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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	20	rVB2	32174	31248	2.38%	0.223%
2	1.613	75	85	93	rBV	101472	124697	9.51%	0.888%
3	1.665	95	101	109	rVV2	33284	44821	3.42%	0.319%
4	1.932	177	184	205	rVB	85295	118307	9.02%	0.843%
5	2.594	378	390	405	rBV	179904	305296	23.28%	2.174%
6	2.671	407	414	441	rVB2	11867	35815	2.73%	0.255%
7	4.674	1019	1037	1074	rBV	169654	525466	40.07%	3.742%
8	4.845	1075	1090	1122	rVB	102949	249867	19.05%	1.780%
9	5.102	1153	1170	1189	rBV	180232	392657	29.94%	2.797%
10	5.423	1256	1270	1284	rVB5	18006	39194	2.99%	0.279%
11	5.758	1351	1374	1389	rBV2	350912	931843	71.06%	6.637%
12	5.832	1389	1397	1410	rVB2	34323	68702	5.24%	0.489%
13	6.279	1522	1536	1568	rBV	362711	711258	54.24%	5.066%
14	6.597	1617	1635	1647	rBV4	26958	55576	4.24%	0.396%
15	6.719	1655	1673	1692	rBV2	223764	436166	33.26%	3.106%
16	6.822	1692	1705	1720	rVB3	21624	43152	3.29%	0.307%
17	7.591	1929	1944	1964	rBV2	121183	225772	17.22%	1.608%
18	7.922	2033	2047	2080	rBV	408526	747312	56.99%	5.322%
19	8.201	2119	2134	2147	rBV2	75365	126430	9.64%	0.900%
20	8.439	2199	2208	2216	rBV5	9933	16853	1.29%	0.120%
21	8.655	2260	2275	2314	rBV	705013	1311403	100.00%	9.340%
22	9.346	2480	2490	2504	rVB8	7925	16433	1.25%	0.117%
23	9.436	2504	2518	2551	rBV	526176	911746	69.52%	6.493%
24	9.844	2632	2645	2672	rBV3	246760	482830	36.82%	3.439%
25	10.295	2772	2785	2798	rBV2	65407	117250	8.94%	0.835%
26	10.378	2798	2811	2821	rVV2	103652	186798	14.24%	1.330%
27	10.439	2821	2830	2847	rVB	123180	214828	16.38%	1.530%
28	10.539	2852	2861	2873	rVB3	9984	18524	1.41%	0.132%
29	10.668	2893	2901	2910	rVB10	7869	13496	1.03%	0.096%
30	10.770	2910	2933	2938	rBV	205342	403598	30.78%	2.874%
31	10.861	2953	2961	2968	rVV3	30762	43503	3.32%	0.310%
32	10.906	2968	2975	2979	rVV4	29866	46334	3.53%	0.330%
33	10.951	2979	2989	3007	rVB5	233649	511140	38.98%	3.640%
34	11.079	3021	3029	3037	rBV9	9878	15186	1.16%	0.108%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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	11.131	3037	3045	3055	rVB4	20573	33658	2.57%	0.240%
36	11.272	3079	3089	3098	rBV3	16401	30218	2.30%	0.215%
37	11.333	3098	3108	3118	rVV3	67076	115130	8.78%	0.820%
38	11.417	3118	3134	3148	rVB8	169709	455914	34.77%	3.247%
39	11.533	3157	3170	3179	rBV4	30996	54983	4.19%	0.392%
40	11.587	3179	3187	3196	rBV7	15411	26147	1.99%	0.186%
41	11.651	3196	3207	3223	rBV10	58423	196427	14.98%	1.399%
42	11.825	3249	3261	3271	rBV	602835	971422	74.08%	6.918%
43	11.957	3294	3302	3310	rBV9	10038	15101	1.15%	0.108%
44	12.028	3312	3324	3331	rVV5	49875	95368	7.27%	0.679%
45	12.082	3331	3341	3358	rVV6	83636	211437	16.12%	1.506%
46	12.201	3358	3378	3398	rVB	515741	1081232	82.45%	7.701%
47	12.327	3410	3417	3422	rBV8	10648	15810	1.21%	0.113%
48	12.391	3427	3437	3442	rVV8	31910	65125	4.97%	0.464%
49	12.430	3443	3449	3457	rVV5	54484	100422	7.66%	0.715%
50	12.471	3458	3462	3478	rVB7	32049	69248	5.28%	0.493%
51	12.594	3493	3500	3506	rBV	15729	22817	1.74%	0.163%
52	12.690	3522	3530	3533	rBV6	22533	35260	2.69%	0.251%
53	12.822	3560	3571	3577	rBV8	23188	47692	3.64%	0.340%
54	12.909	3590	3598	3604	rBV8	7274	13684	1.04%	0.097%
55	12.970	3605	3617	3621	rBV8	15332	32701	2.49%	0.233%
56	13.134	3650	3668	3670	rBV8	16519	36893	2.81%	0.263%
57	13.169	3672	3679	3695	rVB8	35734	74303	5.67%	0.529%
58	13.510	3778	3785	3796	rBV8	10291	19989	1.52%	0.142%
59	13.632	3817	3823	3833	rVB8	8353	14076	1.07%	0.100%
60	14.282	4017	4025	4035	rBV8	10649	20742	1.58%	0.148%
61	14.475	4069	4085	4091	rBV9	18532	38785	2.96%	0.276%
62	14.516	4092	4098	4118	rVB9	12600	26990	2.06%	0.192%
63	15.073	4260	4271	4288	rVB5	30223	55818	4.26%	0.398%
64	15.175	4292	4303	4309	rBV8	8181	16015	1.22%	0.114%
65	15.355	4349	4359	4373	rVV3	41554	79873	6.09%	0.569%
66	15.436	4374	4384	4391	rVV6	22667	42035	3.21%	0.299%
67	15.481	4391	4398	4411	rVB5	33673	59983	4.57%	0.427%
68	15.603	4426	4436	4448	rBV5	29907	52847	4.03%	0.376%
69	15.674	4451	4458	4467	rVB10	7322	13781	1.05%	0.098%
70	16.037	4562	4571	4580	rBV10	10996	21030	1.60%	0.150%
71	16.140	4593	4603	4618	rVB10	10482	24696	1.88%	0.176%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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	4693	4701	4713	rVB7	11061	18167	1.39%	0.129%
73	17.388	4980	4991	5011	rBV2	107260	211673	16.14%	1.508%

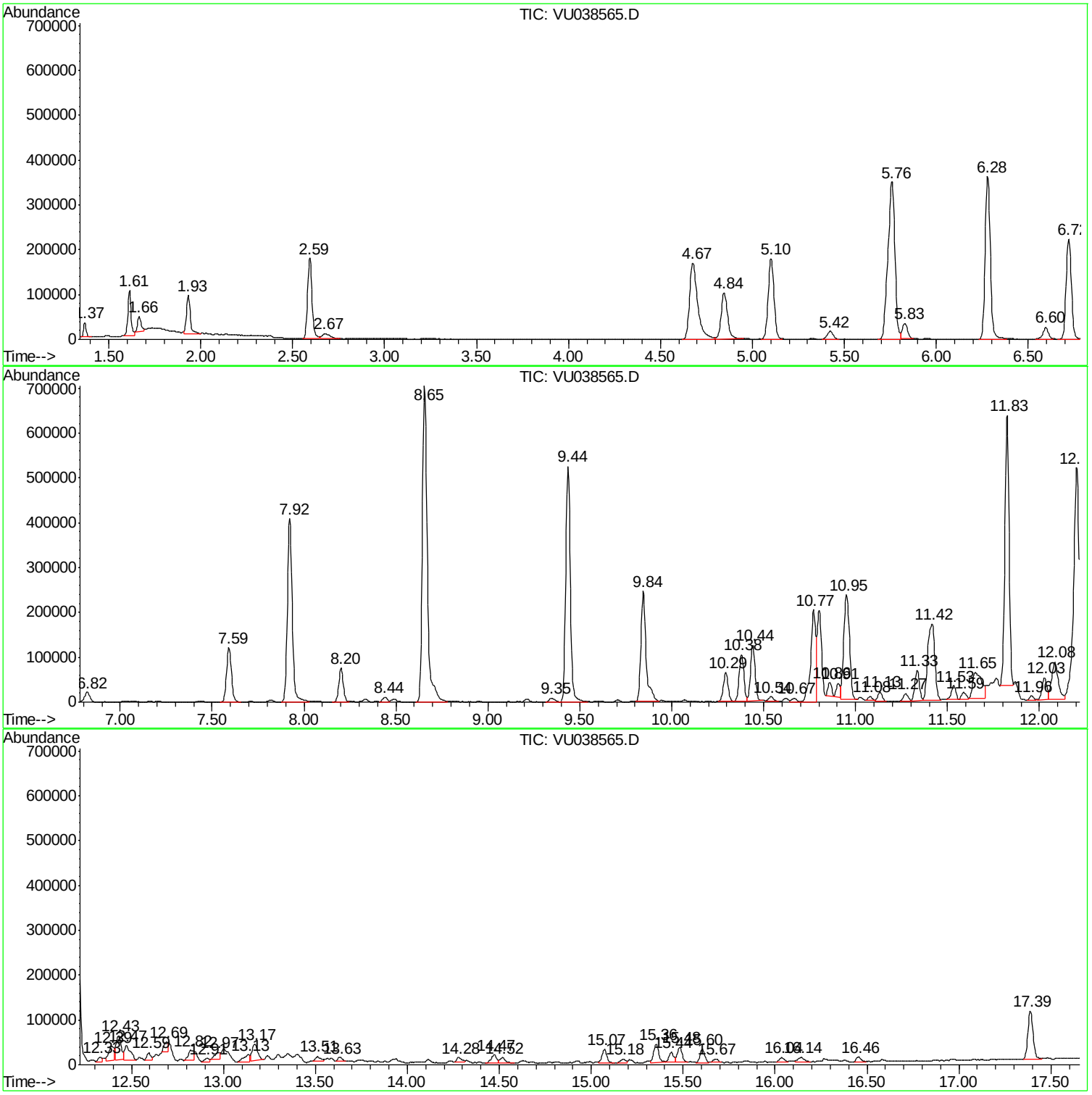
Sum of corrected areas: 14040993

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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 : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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

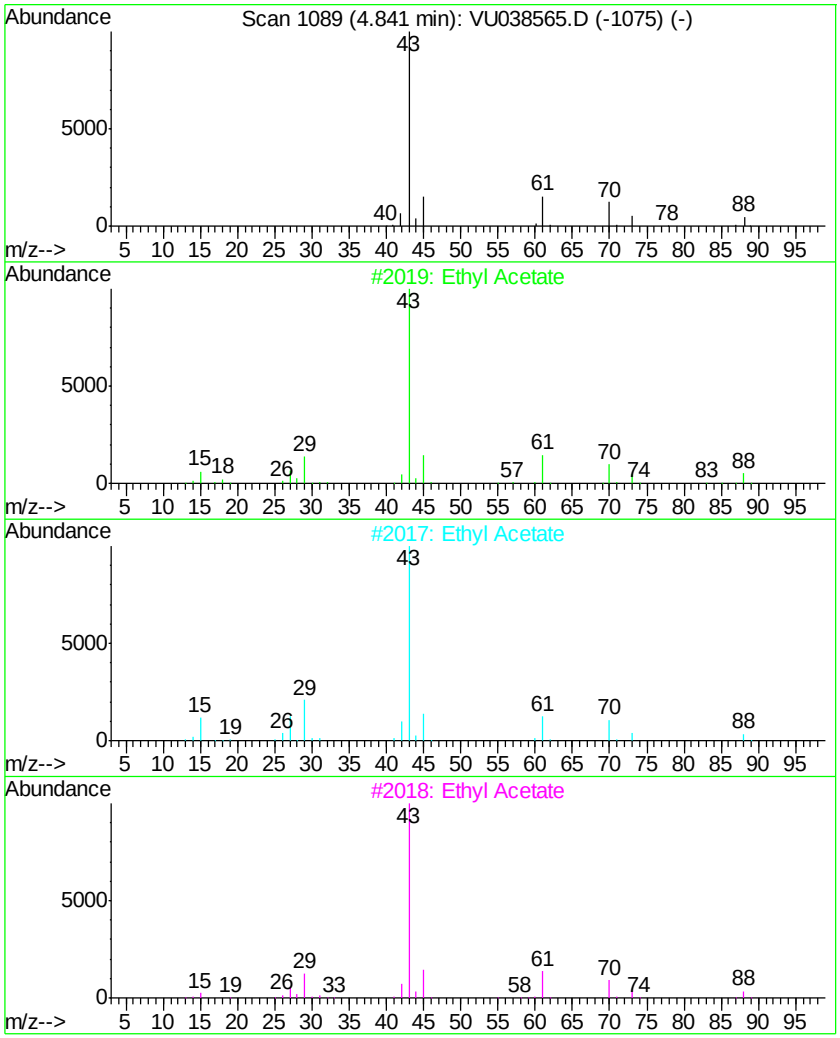
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

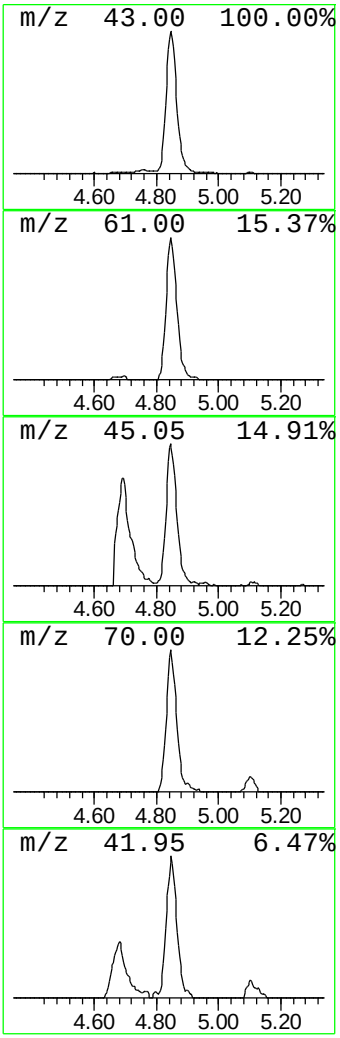
****

Peak Number 1 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	1.76 ug/L	249867	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	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	59
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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

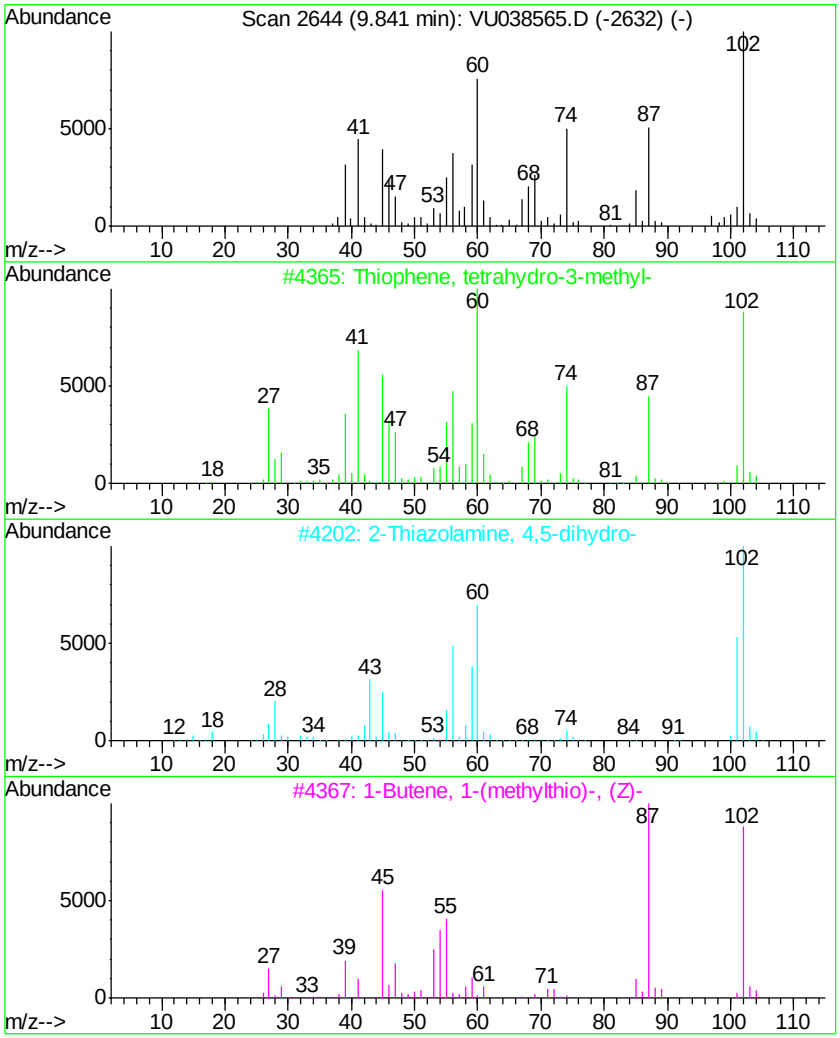
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

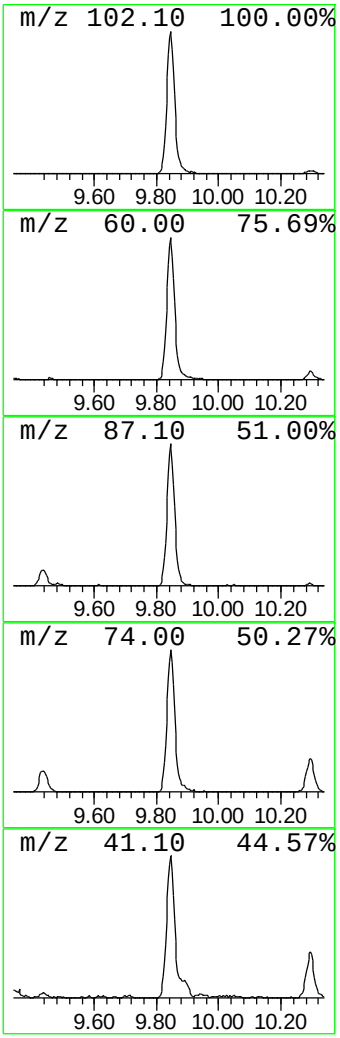
****

Peak Number 3 Thiophene, tetrahydro-3-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.65 ug/L	482830	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	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	46
3	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	45
4	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43
5	Thiirane, methyl-	74	C3H6S	001072-43-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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

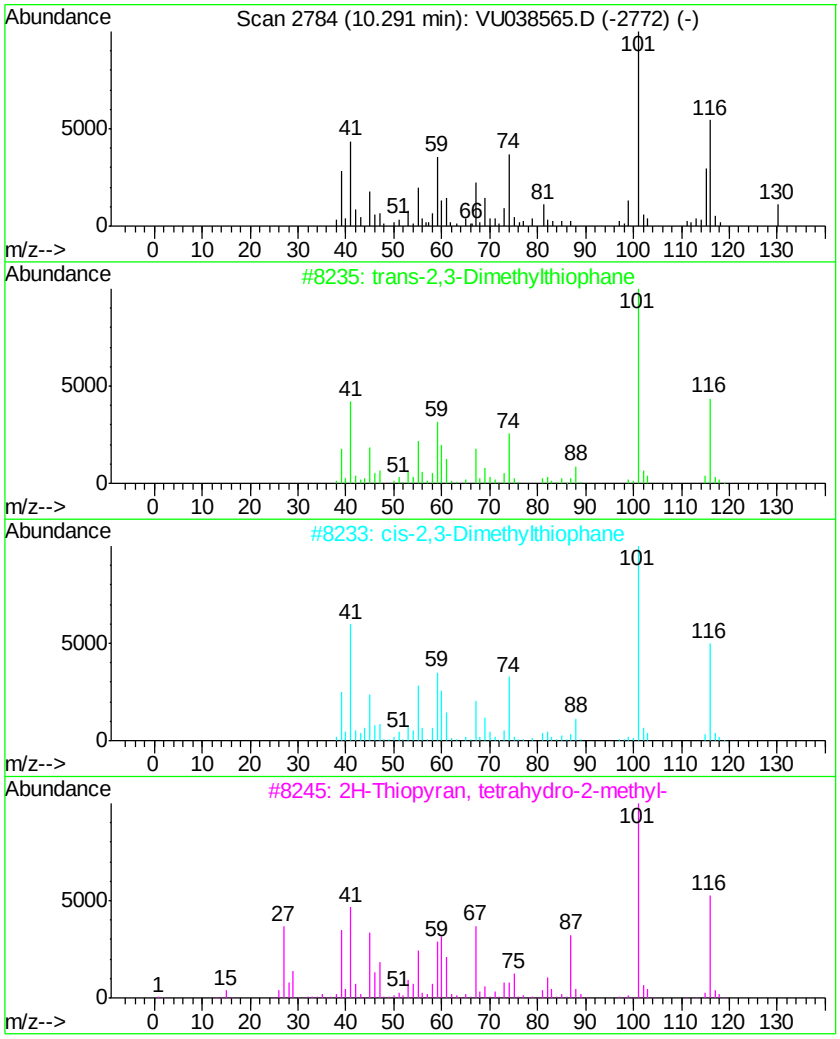
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

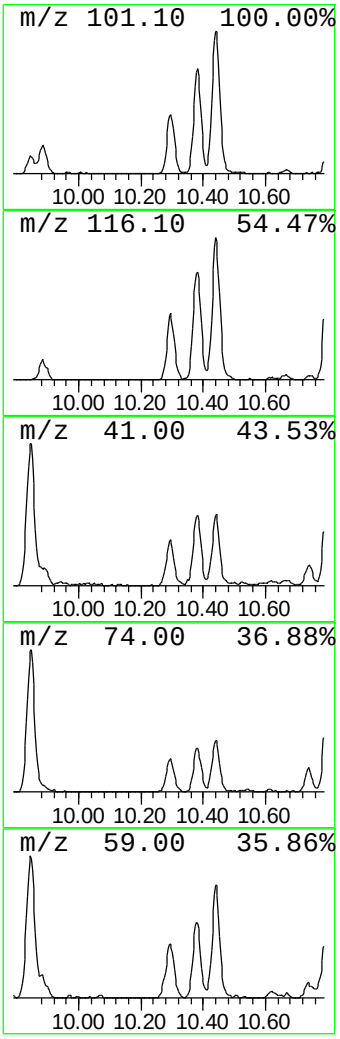
****

Peak Number 4 trans-2,3-Dimethylthiophane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	0.64 ug/L	117250	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	90
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	90
3	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	70
4	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	60
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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

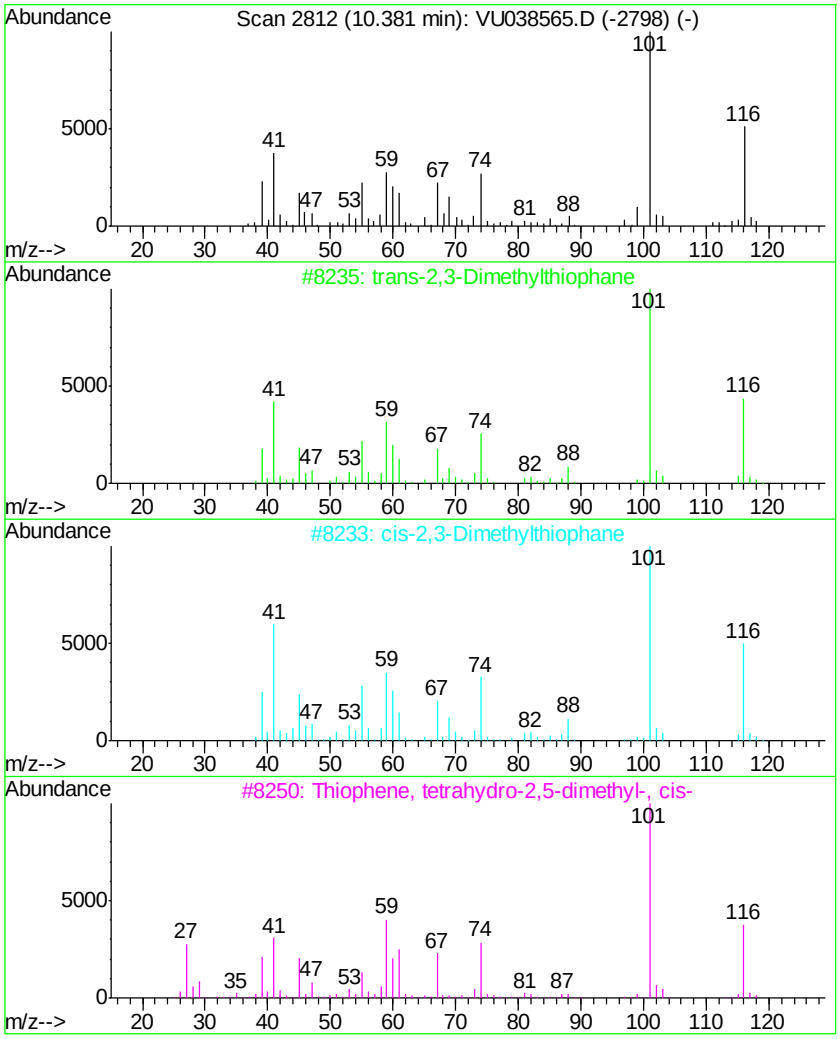
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

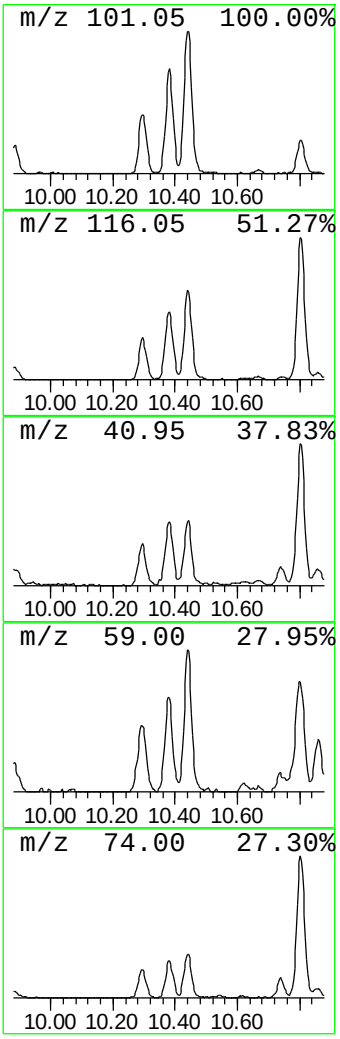
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	1.02 ug/L	186798	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	94
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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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

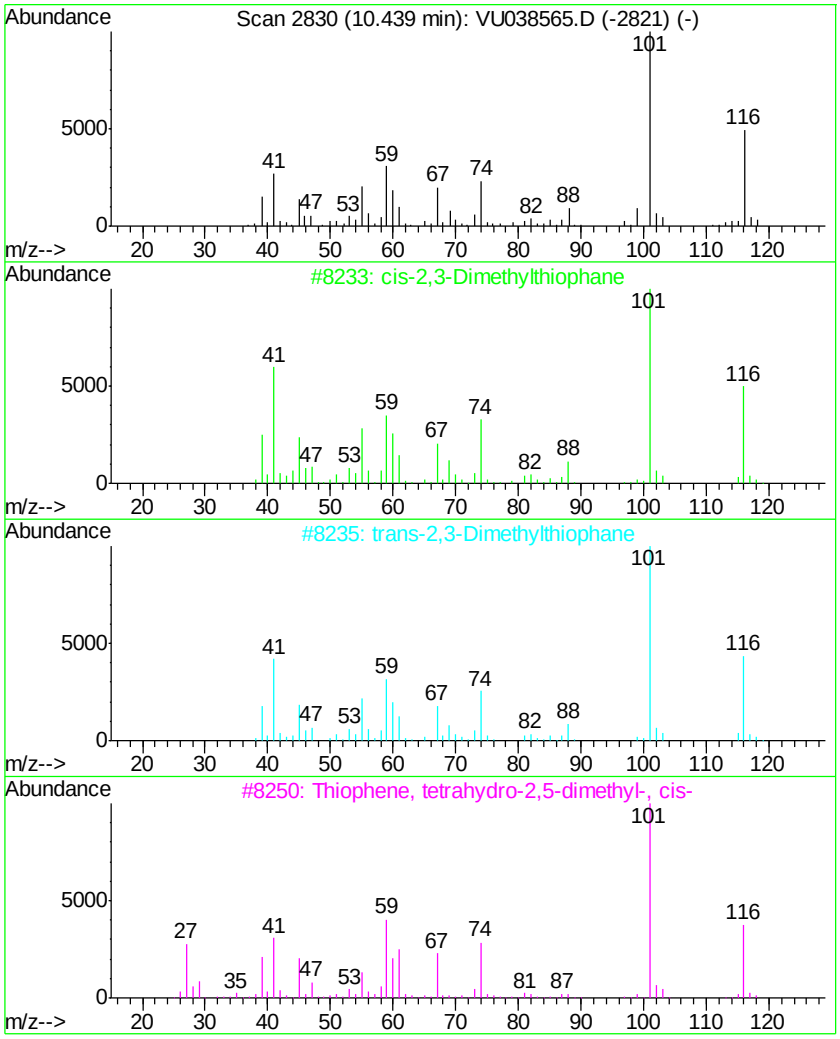
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

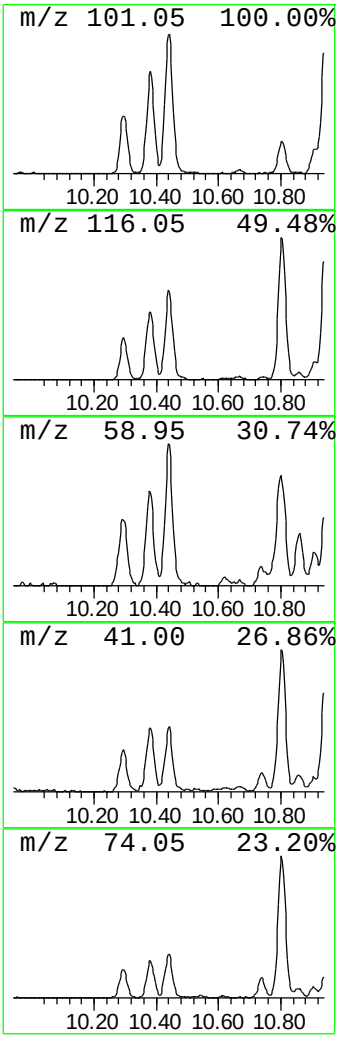
****

Peak Number 6 cis-2,3-Dimethylthiophane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	1.18 ug/L	214828	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	96
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	96
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	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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

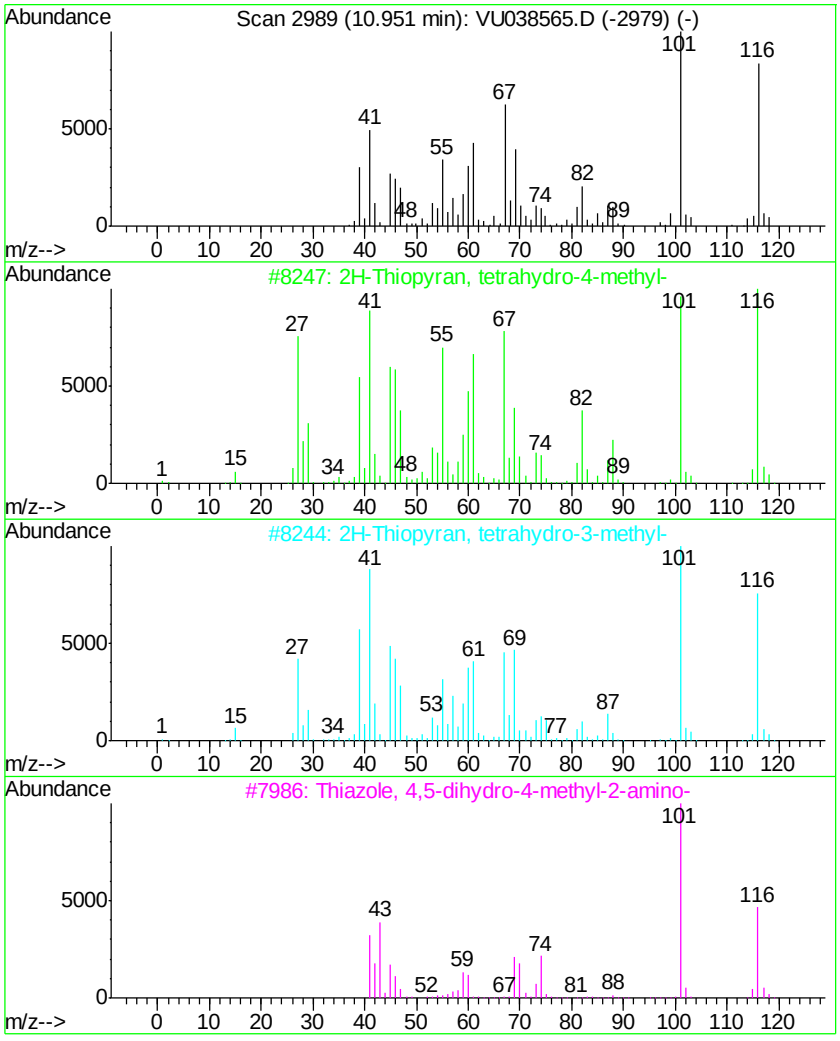
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

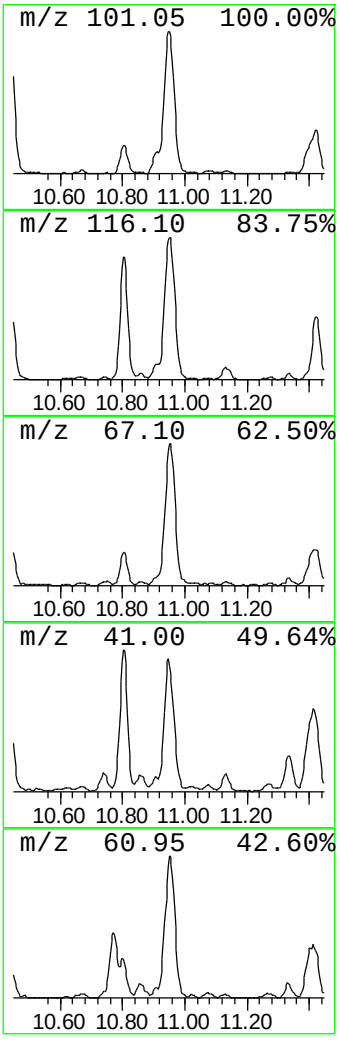
****

Peak Number 7 2H-Thiopyran, tetrahydro-4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.63 ug/L	511140	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	94
2	2H-Thiopyran, tetrahydro-3-methyl-	116	C6H12S	005258-50-4	93
3	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	49
4	3-Ethylthiolane	116	C6H12S	062184-67-2	38
5	2H-Thiopyran-3(4H)-one, dihydro-	116	C5H8OS	019090-03-0	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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

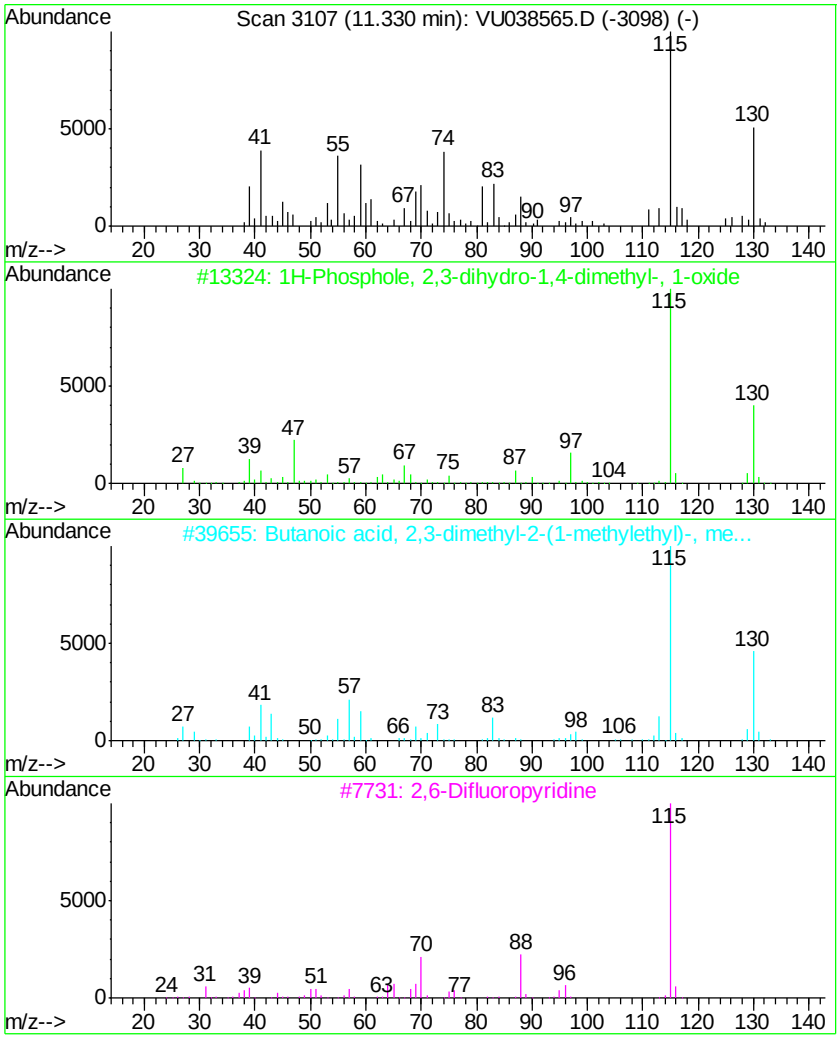
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

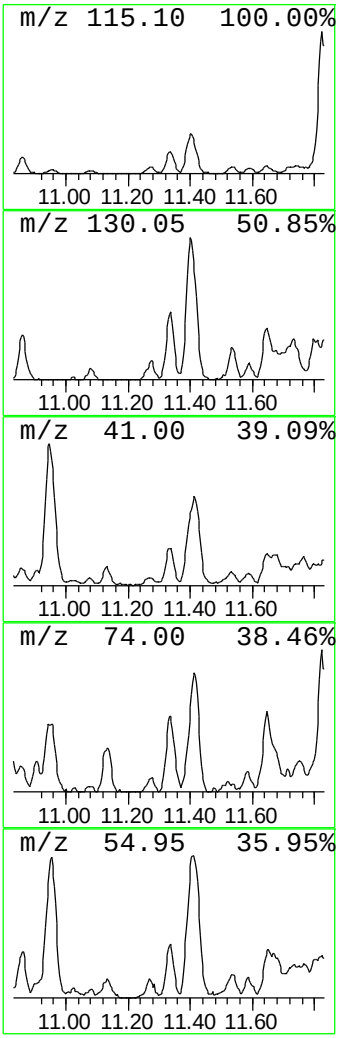
****

Peak Number 8 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	0.59 ug/L	115130	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phosphole, 2,3-dihydro-1,4-di...	130	C6H11OP	015450-68-7	38
2	Butanoic acid, 2,3-dimethyl-2-(1...	172	C10H20O2	055519-33-0	37
3	2,6-Difluoropyridine	115	C5H3F2N	001513-65-1	35
4	1,2,4-Thiadiazol-5-amine, 3-methyl-	115	C3H5N3S	017467-35-5	35
5	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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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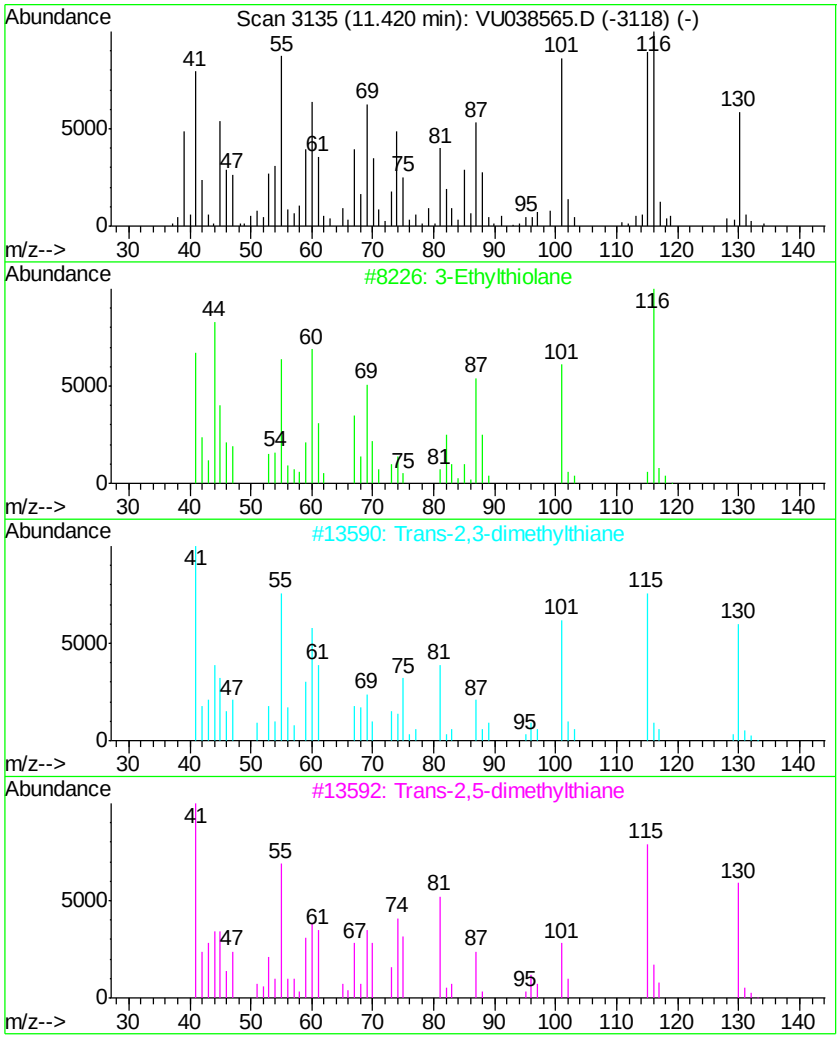
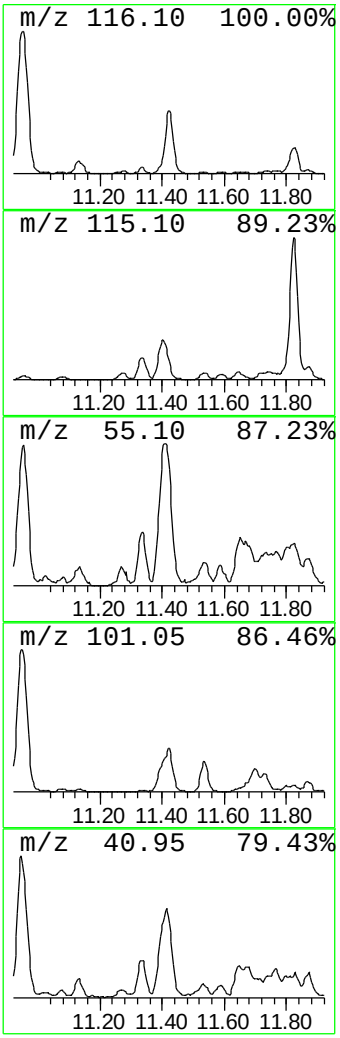
Peak Number 9 3-Ethylthiolane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.35 ug/L	455914	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylthiolane	116	C6H12S	062184-67-2	78
2	Trans-2,3-dimethylthiane	130	C7H14S	1000215-06-9	60
3	Trans-2,5-dimethylthiane	130	C7H14S	1000215-06-8	49
4	Cis-2,3-dimethylthiane	130	C7H14S	1000215-06-5	47
5	cis-2,4-Dimethylthiane	130	C7H14S	061568-43-2	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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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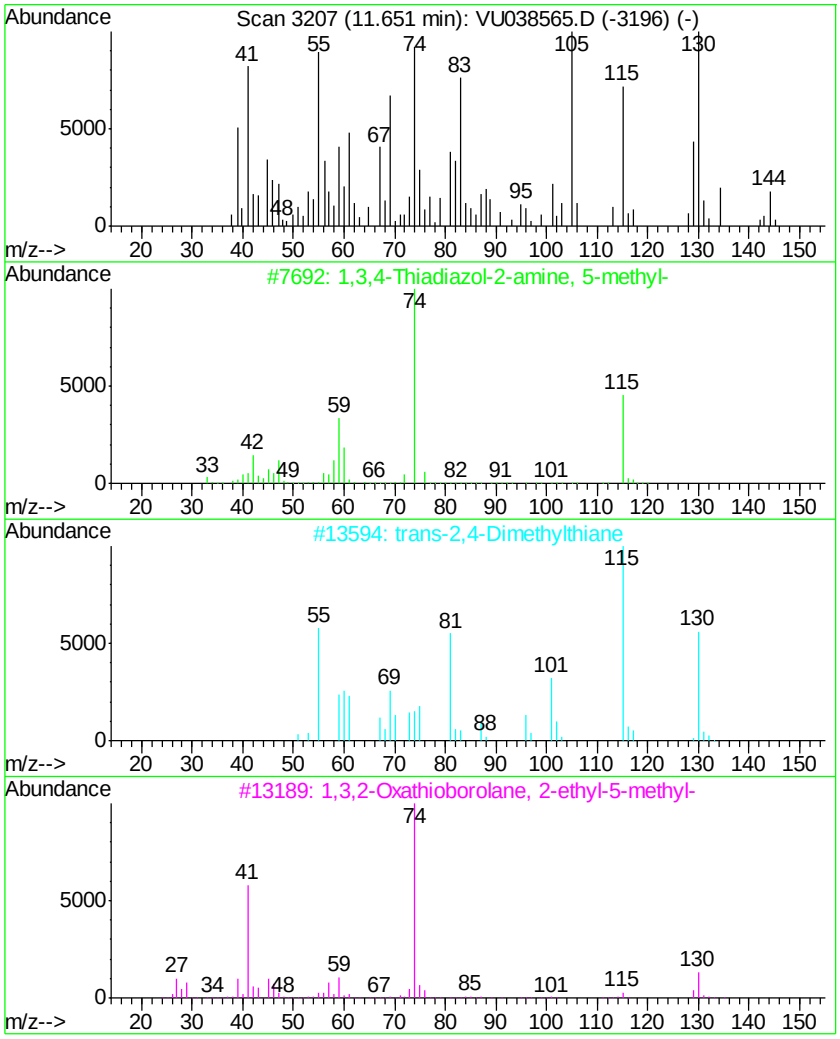
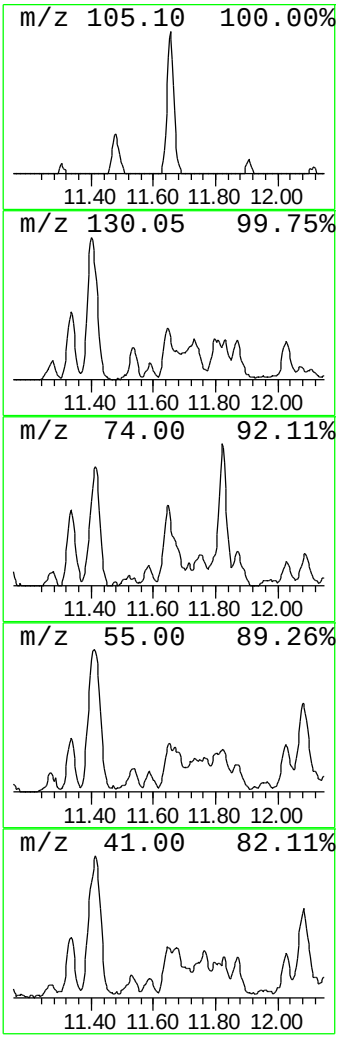
Peak Number 10 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.01 ug/L	196427	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	35
2	trans-2,4-Dimethylthiane	130	C7H14S	061568-42-1	35
3	1,3,2-Oxathioborolane, 2-ethyl-5...	130	C5H11BOS	1000163-05-5	27
4	Sulfide, butyl propenyl	130	C7H14S	024298-51-9	25
5	Benzene, (1-methyl-2-propynyl)-	130	C10H10	004544-28-9	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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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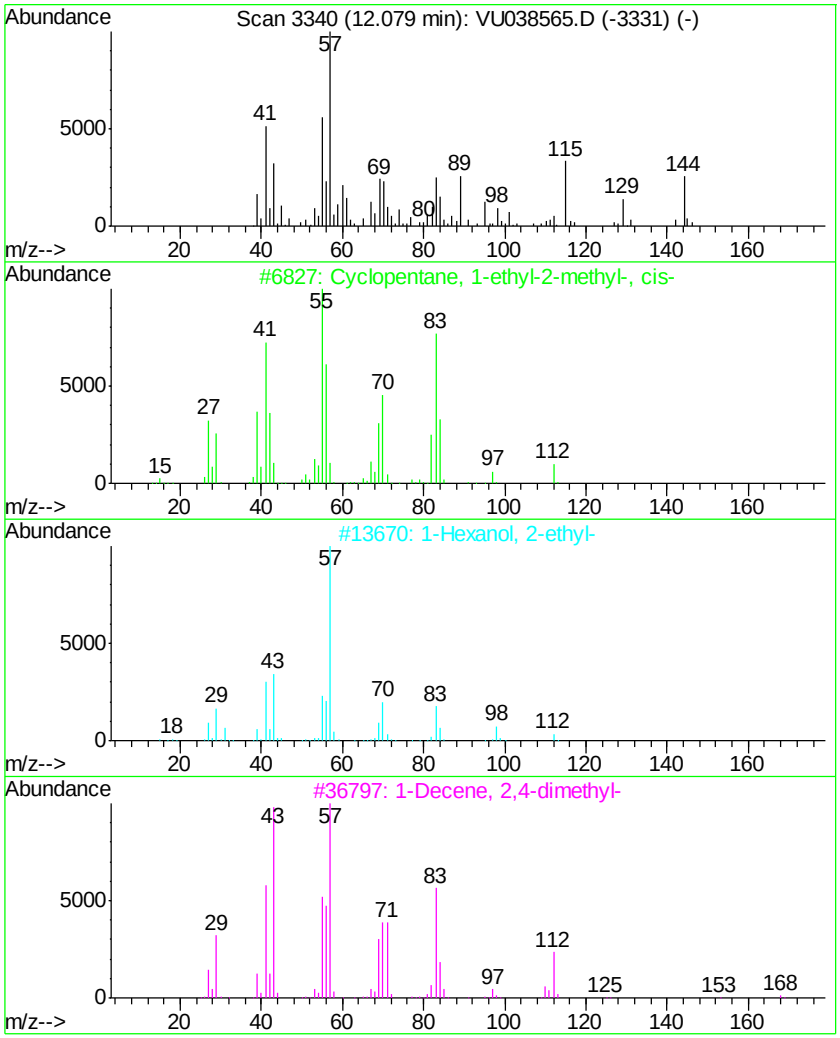
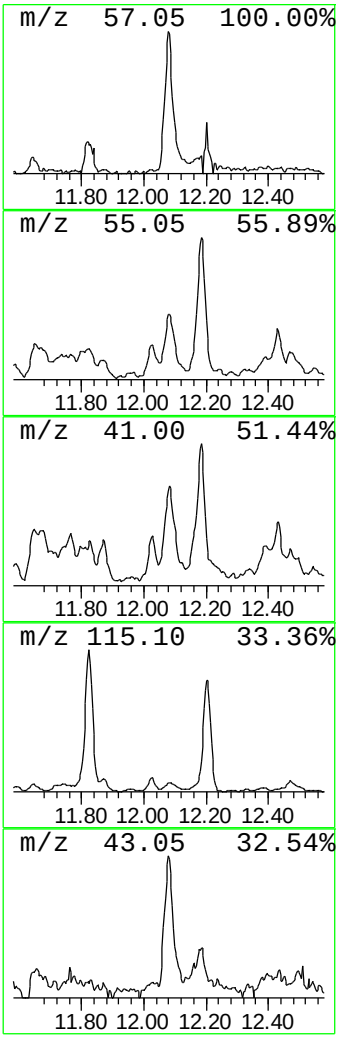
Peak Number 11 (DEL) Alkane: Cyclic12.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	1.09 ug/L	211437	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	14
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	14
3	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	14
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	14
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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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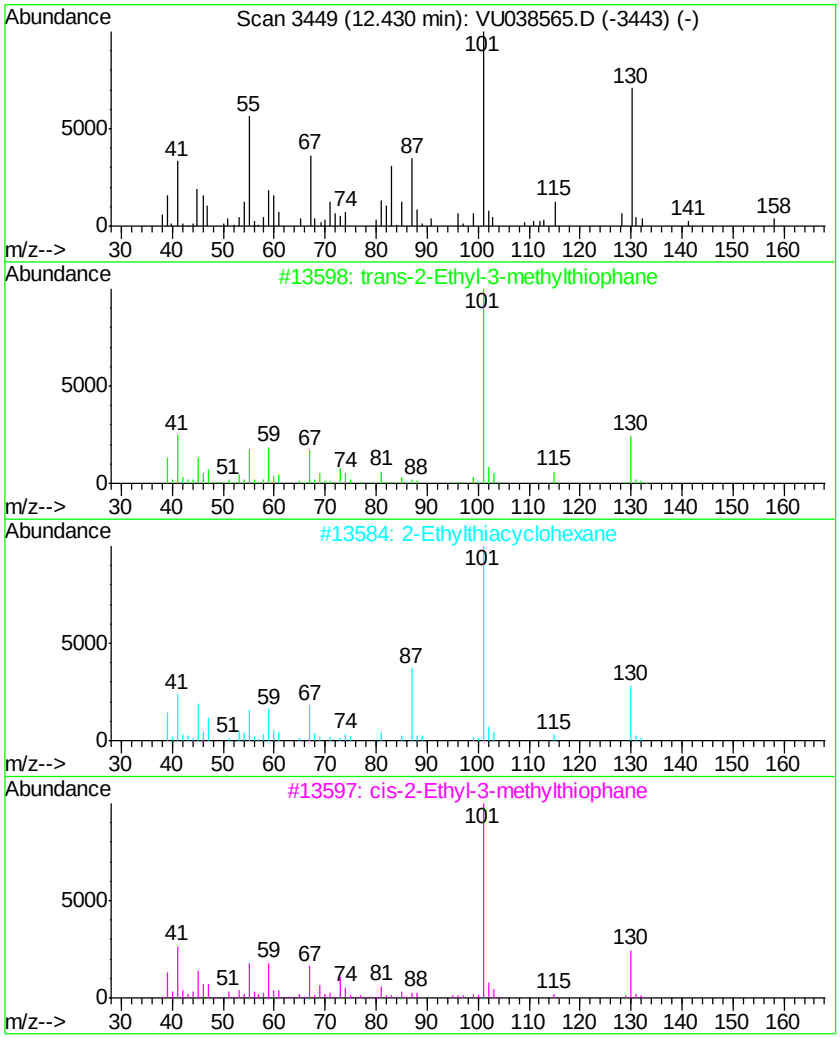
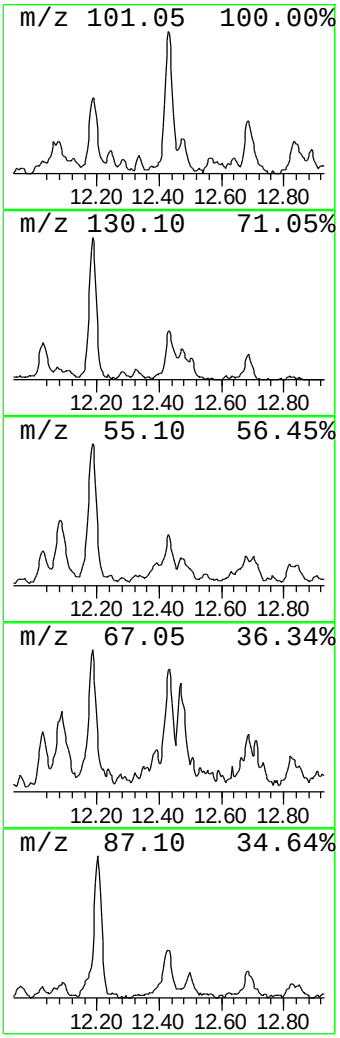
Peak Number 12 trans-2-Ethyl-3-methylthiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	0.52 ug/L	100422	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Ethyl-3-methylthiophane	130	C7H14S	061568-36-3	58
2	2-Ethylthiacyclohexane	130	C7H14S	001613-52-1	53
3	cis-2-Ethyl-3-methylthiophane	130	C7H14S	061568-37-4	50
4	cis-3-Methyl-2-n-propylthiophane	144	C8H16S	118068-76-1	43
5	trans-3-Methyl-2-n-propylthiophane	144	C8H16S	118068-75-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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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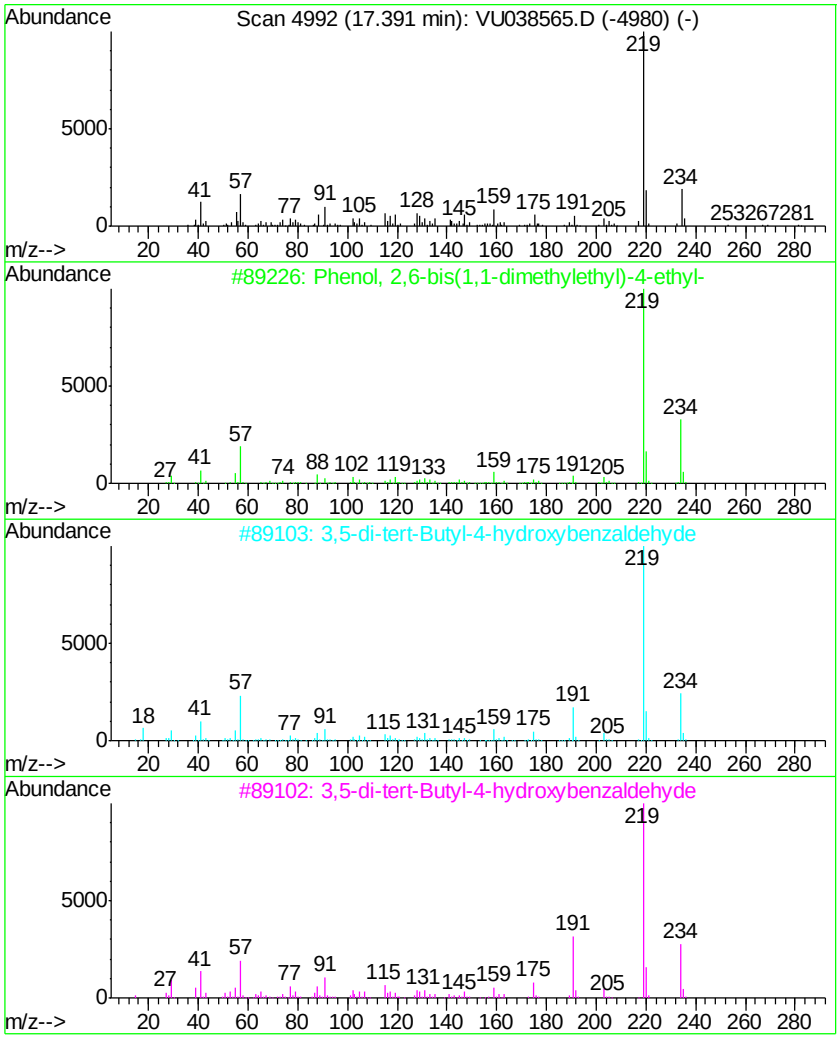
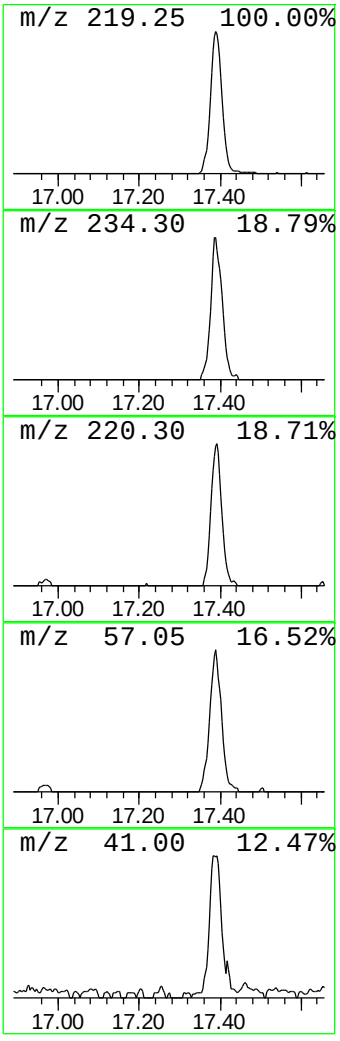
Peak Number 13 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	1.09 ug/L	211673	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	94
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
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 : VU038565.D
Acq On : 05 Jun 2020 12:16
Operator : SY/MD
Sample : L2860-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D37

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	1.8	ug/L	249867	1	6.28	711258	5.0
Thiophene, tetrah...	9.84	2.6	ug/L	482830	2	9.44	911746	5.0
trans-2,3-Dimethy...	10.29	0.6	ug/L	117250	2	9.44	911746	5.0
Thiophene, tetrah...	10.38	1.0	ug/L	186798	2	9.44	911746	5.0
cis-2,3-Dimethylt...	10.44	1.2	ug/L	214828	2	9.44	911746	5.0
2H-Thiopyran, tet...	10.95	2.6	ug/L	511140	3	11.83	971422	5.0
unknown-01	11.33	0.6	ug/L	115130	3	11.83	971422	5.0
3-Ethylthiolane	11.42	2.4	ug/L	455914	3	11.83	971422	5.0
unknown-02	11.65	1.0	ug/L	196427	3	11.83	971422	5.0
(DEL) Alkane: Cyc...	12.08	1.1	ug/L	211437	3	11.83	971422	5.0
trans-2-Ethyl-3-m...	12.43	0.5	ug/L	100422	3	11.83	971422	5.0
Phenol, 2,6-bis(1...	17.39	1.1	ug/L	211673	3	11.83	971422	5.0