LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

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\SOMUTR111418WMA.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	1.398	61	70	81	rVB3	124590	155009	14.29%	1.507%
2	1.566	115	122	136	rBV	220984	340147	31.36%	3.306%
3	1.681	153	158	196	rVB2	106151	253304	23.35%	2.462%
4	2.276	333	343	353	rBV	136562	204664	18.87%	1.989%
5	2.328	353	359	366	rVV	13494	19588	1.81%	0.190%
6	2.382	366	376	388	rVB	145059	225161	20.76%	2.188%
7	2.620	413	450	455	rBV2	226156	1084741	100.00%	10.542%
8	3.887	829	844	856	rBV6	6586	15117	1.39%	0.147%
9	4.090	892	907	924	rBV7	5145	14556	1.34%	0.141%
10	4.202	924	942	968	rBV3	80791	297443	27.42%	2.891%
11	4.527	1031	1043	1060	rBV3	8785	22786	2.10%	0.221%
12	4.652	1066	1082	1101	rVB	110020	250919	23.13%	2.439%
13	4.987	1171	1186	1200	rBV5	7717	18877	1.74%	0.183%
14	5.340	1275	1296	1331	rVB3	227138	649766	59.90%	6.315%
15	5.520	1331	1352	1367	rVV5	15315	39637	3.65%	0.385%
16	5.607	1368	1379	1395	rVB10	6577	15938	1.47%	0.155%
17	5.887	1453	1466	1479	rBV	223778	438576	40.43%	4.262%
18	6.215	1558	1568	1583	rVB7	7488	17292	1.59%	0.168%
19	6.334	1586	1605	1618	rBV2	157237	314304	28.98%	3.055%
20	7.048	1814	1827	1840	rVB9	6352	13652	1.26%	0.133%
21	7.231	1868	1884	1900	rBV2	75951	144442	13.32%	1.404%
22	7.347	1900	1920	1957	rVB	345809	1081452	99.70%	10.510%
23	7.565	1971	1988	2005	rBV	287461	509947	47.01%	4.956%
24	7.713	2022	2034	2043	rBV8	5935	13357	1.23%	0.130%
25	7.851	2067	2077	2089	rBV	43268	75517	6.96%	0.734%
26	7.916	2089	2097	2115	rVV9	10265	24172	2.23%	0.235%
27	7.993	2115	2121	2130	rVV8	8338	15767	1.45%	0.153%
28	8.041	2130	2136	2144	rVV9	7337	14041	1.29%	0.136%
29	8.093	2144	2152	2167	rVV2	28137	53182	4.90%	0.517%
30	8.167	2167	2175	2188	rVV6	6815	14745	1.36%	0.143%
31	8.315	2208	2221	2237	rBV	442233	763197	70.36%	7.417%
32	8.388	2238	2244	2254	rVB6	21440	36407	3.36%	0.354%
33	8.761	2350	2360	2369	rBV4	15784	27747	2.56%	0.270%
34	8.951	2412	2419	2430	rVB5	9393	14821	1.37%	0.144%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

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\SOMUTR111418WMA.M
Title : TRACE VOA SOM01.0

35	9.089	2450	2462	2475	rBV	328685	536677	49.48%	5.216%
36	9.212	2495	2500	2509	rVB4	10458	14717	1.36%	0.143%
37	9.372	2536	2550	2567	rVB4	15254	42962	3.96%	0.418%
38	9.678	2629	2645	2655	rBV4	45100	78867	7.27%	0.766%
39	9.951	2717	2730	2739	rBV7	14799	27361	2.52%	0.266%
40	10.044	2747	2759	2779	rVB6	23167	46715	4.31%	0.454%
41	10.218	2803	2813	2820	rBV9	9030	18130	1.67%	0.176%
42	10.372	2853	2861	2869	rVV7	10345	16539	1.52%	0.161%
43	10.433	2869	2880	2893	rVV2	113350	187122	17.25%	1.819%
44	11.028	3056	3065	3075	rBV3	17488	29338	2.70%	0.285%
45	11.096	3075	3086	3093	rVB5	14669	25691	2.37%	0.250%
46	11.321	3134	3156	3170	rBV5	13891	51065	4.71%	0.496%
47	11.482	3195	3206	3228	rVB	313211	508774	46.90%	4.945%
48	11.687	3261	3270	3280	rVB4	12816	22642	2.09%	0.220%
49	11.752	3282	3290	3301	rBV8	6754	14364	1.32%	0.140%
50	11.861	3312	3324	3342	rBV3	312273	520939	48.02%	5.063%
51	11.977	3353	3360	3378	rVB7	20620	33321	3.07%	0.324%
52	12.224	3431	3437	3452	rVB7	5740	13436	1.24%	0.131%
53	12.437	3495	3503	3511	rVB2	22334	34824	3.21%	0.338%
54	12.536	3526	3534	3551	rVB3	40943	67120	6.19%	0.652%
55	12.620	3552	3560	3567	rVV9	10200	17105	1.58%	0.166%
56	12.668	3569	3575	3584	rVV7	9727	17397	1.60%	0.169%
57	12.790	3603	3613	3625	rVB2	70871	113296	10.44%	1.101%
58	12.922	3639	3654	3663	rBV3	41046	83243	7.67%	0.809%
59	12.996	3666	3677	3693	rVB	127612	200652	18.50%	1.950%
60	13.070	3693	3700	3707	rBV3	10527	15937	1.47%	0.155%
61	13.195	3729	3739	3752	rVB4	35741	64447	5.94%	0.626%
62	13.292	3763	3769	3784	rVB4	10498	21330	1.97%	0.207%
63	13.459	3809	3821	3828	rBV	23173	37554	3.46%	0.365%
64	13.510	3830	3837	3841	rVV8	7092	11580	1.07%	0.113%
65	13.552	3841	3850	3864	rVB2	53959	88393	8.15%	0.859%
66	13.790	3913	3924	3928	rBV8	17532	30038	2.77%	0.292%
67	13.854	3938	3944	3958	rVB8	9457	19566	1.80%	0.190%
68	13.948	3958	3973	3985	rBV3	29791	55275	5.10%	0.537%
69	14.012	3986	3993	4003	rVB4	10166	17103	1.58%	0.166%
70	14.546	4151	4159	4168	rVB4	7426	13441	1.24%	0.131%
71	15.073	4318	4323	4340	rVB4	5660	12101	1.12%	0.118%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

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\SOMUTR111418WMA.M
Title : TRACE VOA SOM01.0

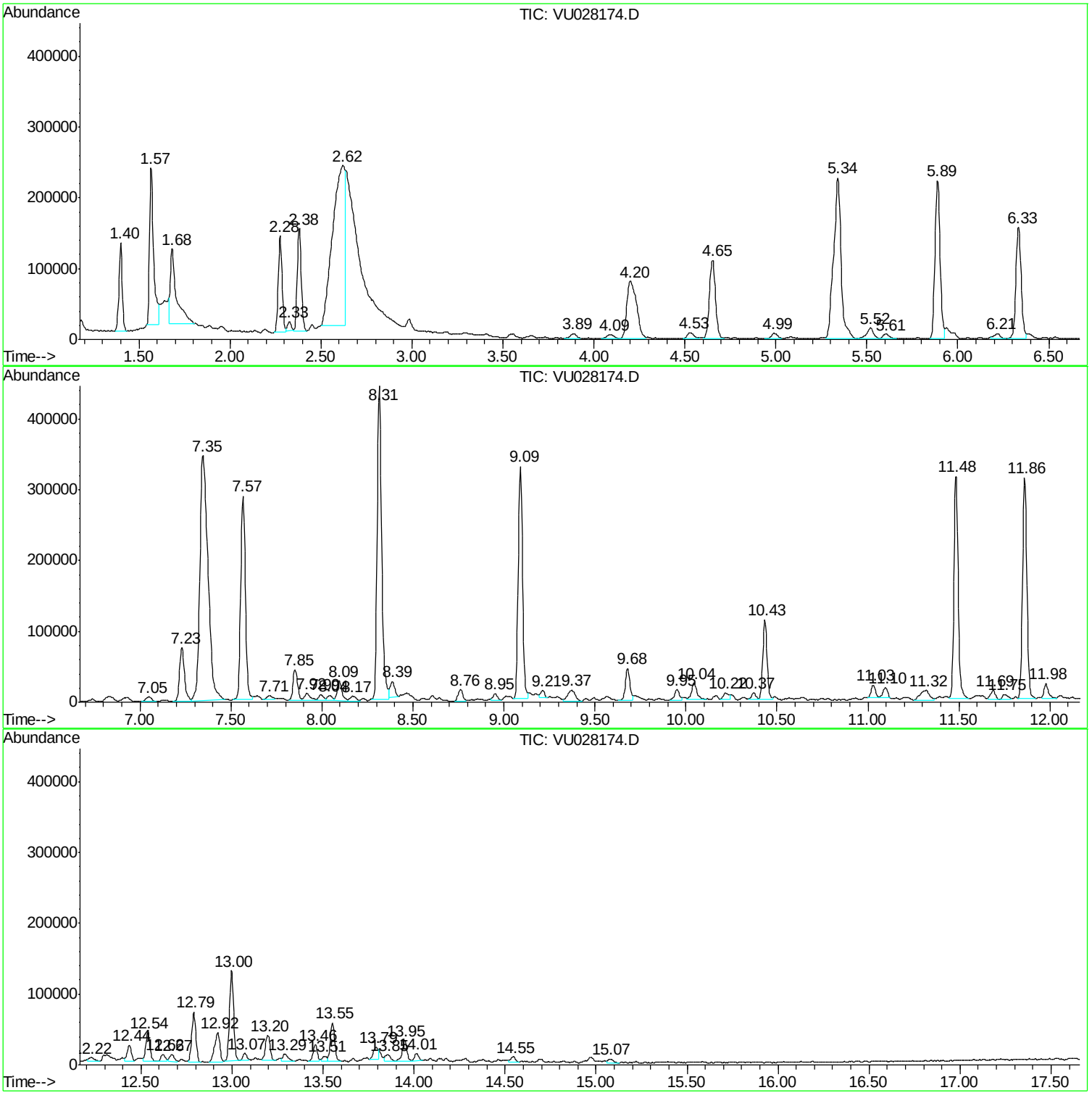
Sum of corrected areas: 10289333

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.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\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

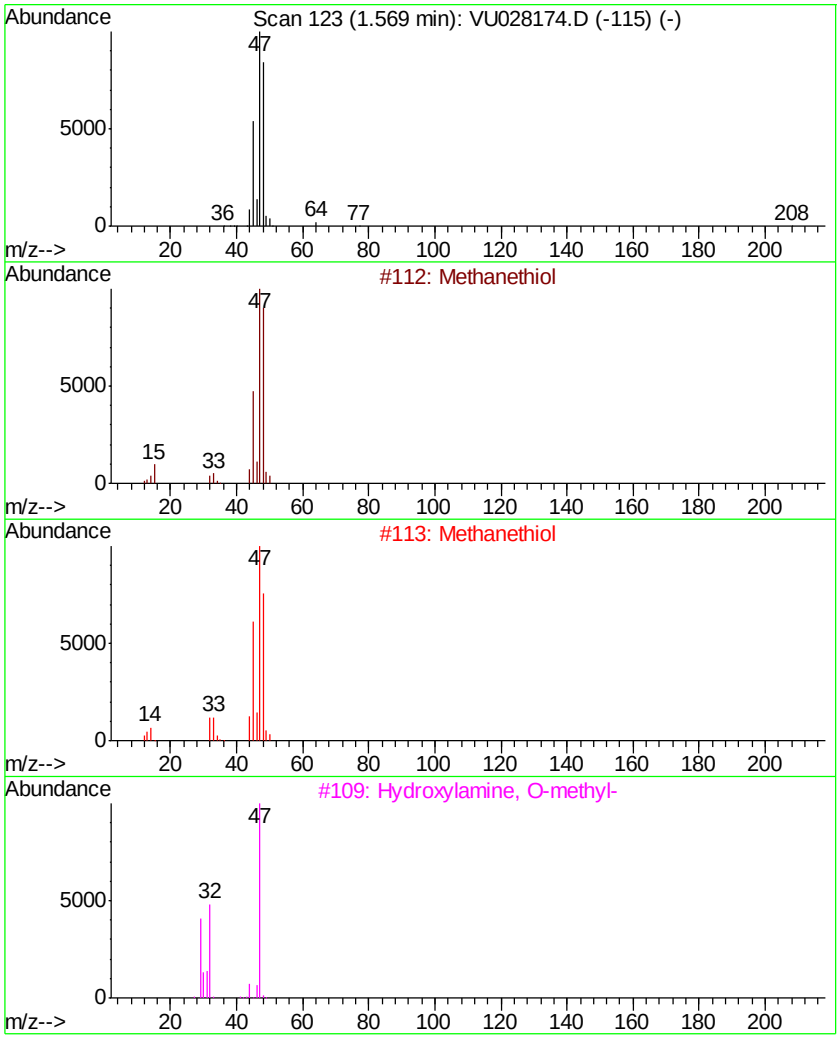
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

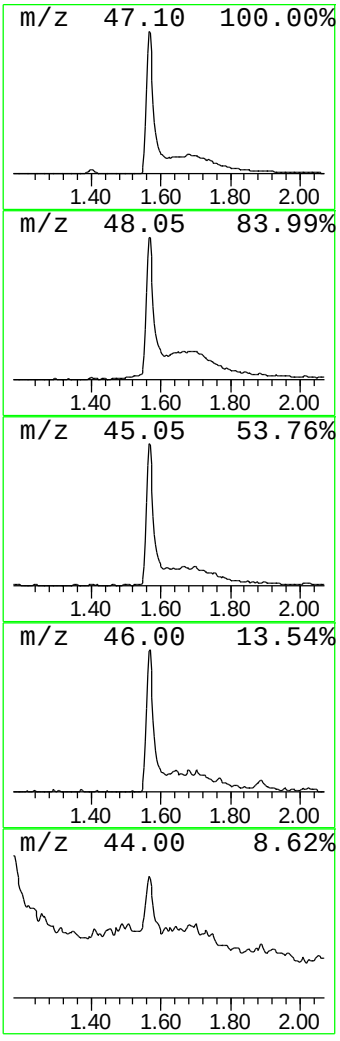
****

Peak Number 1 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.57	3.88 ug/L	340147	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

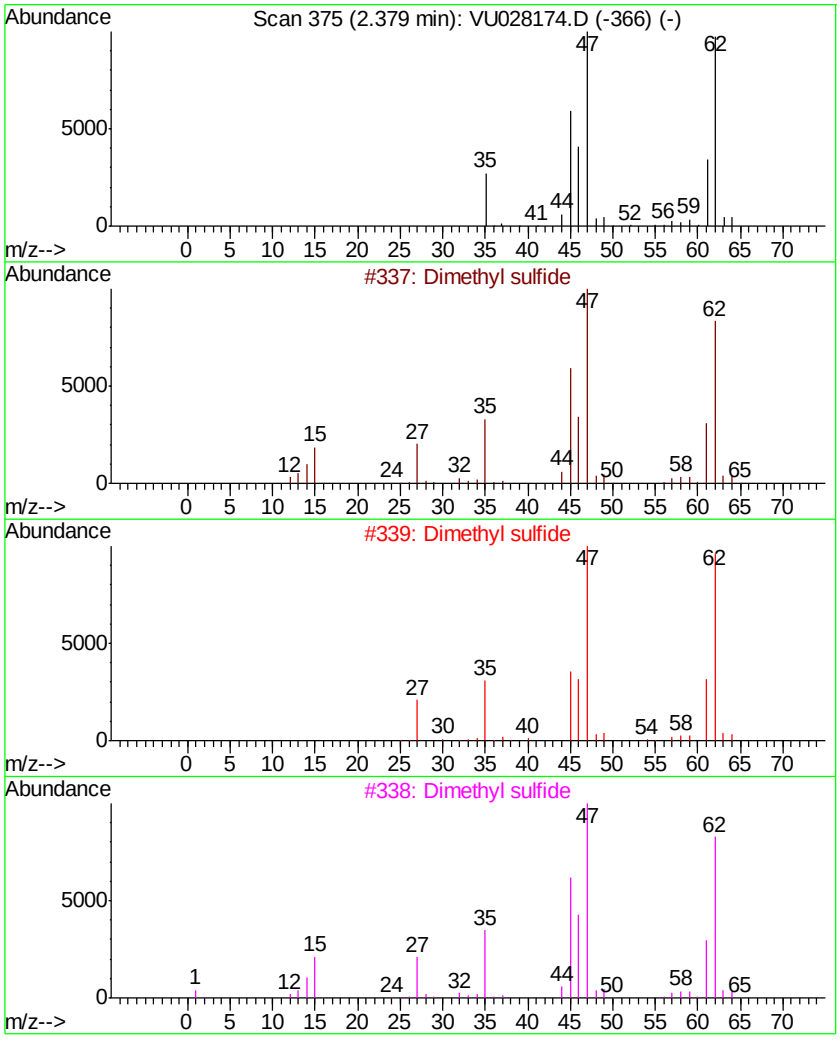
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

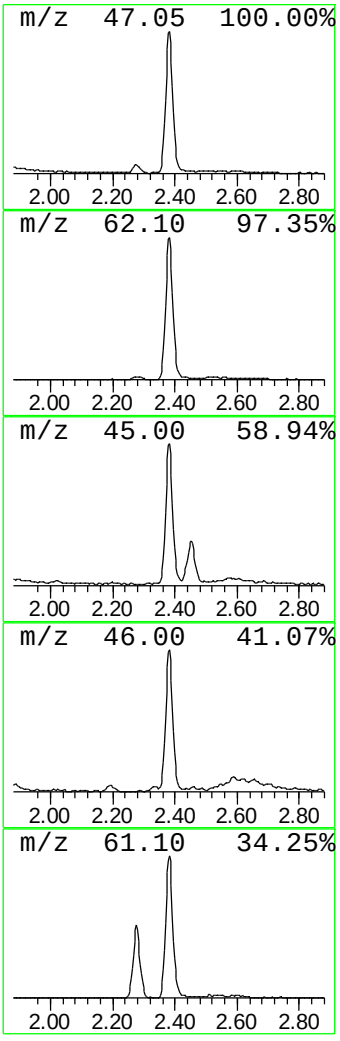
****

Peak Number 2 Dimethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	2.57 ug/L	225161	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	97
2	Dimethyl sulfide	62	C2H6S	000075-18-3	95
3	Dimethyl sulfide	62	C2H6S	000075-18-3	94
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

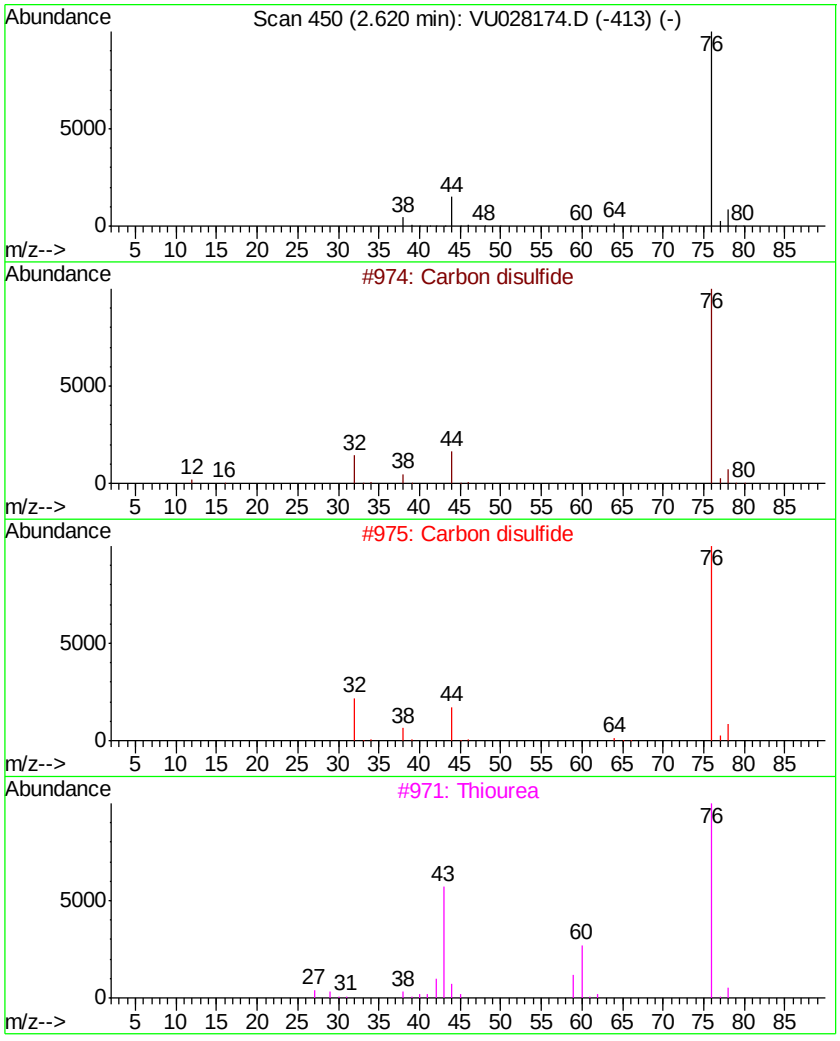
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

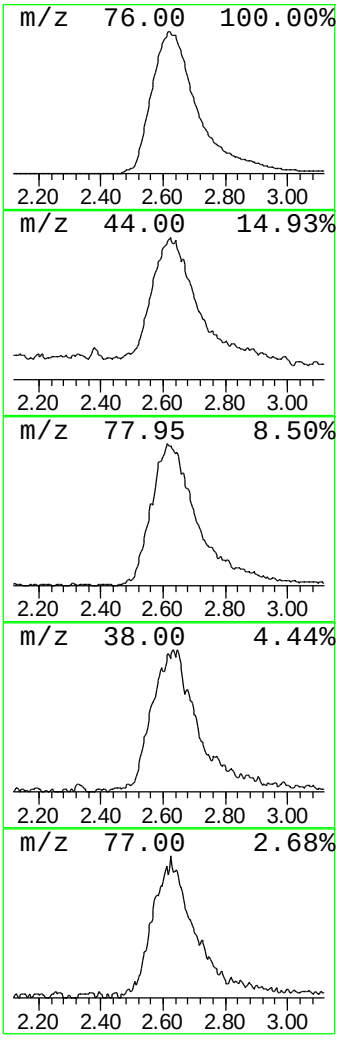
****

Peak Number 3 Thiourea Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	12.37 ug/L	1084740	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon disulfide	76	CS2	000075-15-0	74
2	Carbon disulfide	76	CS2	000075-15-0	9
3	Thiourea	76	CH4N2S	000062-56-6	9
4	Thiourea	76	CH4N2S	000062-56-6	7
5	Thiourea	76	CH4N2S	000062-56-6	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

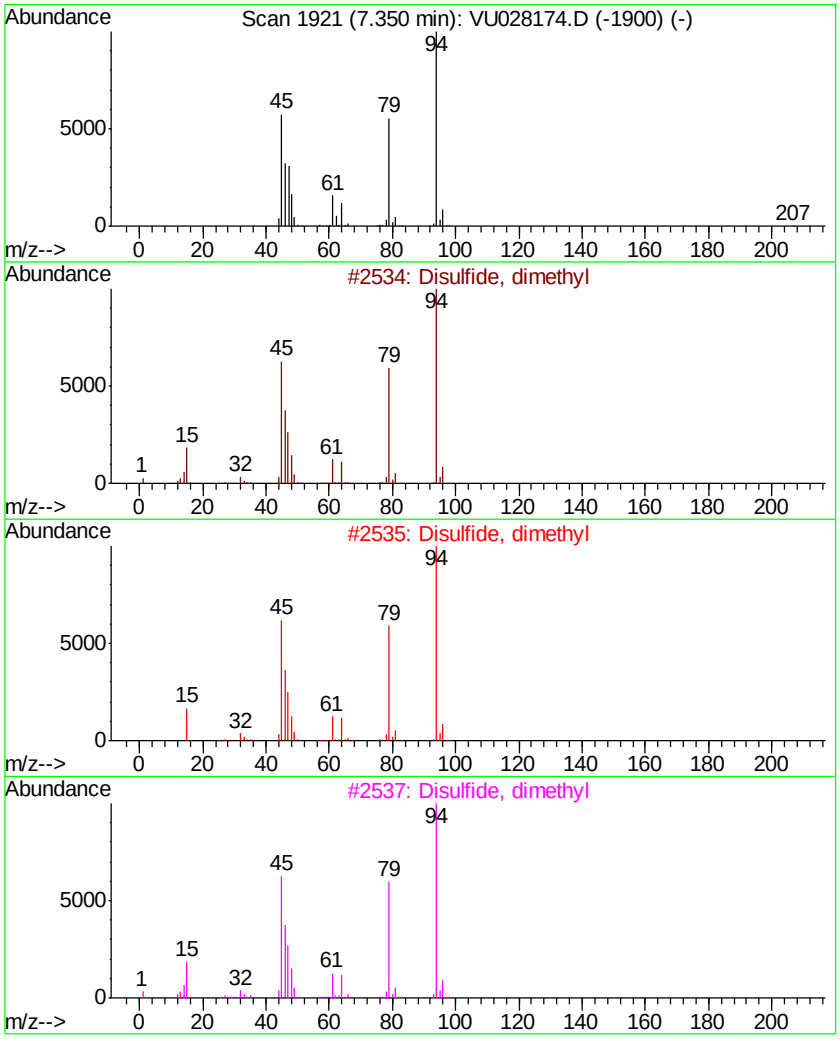
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

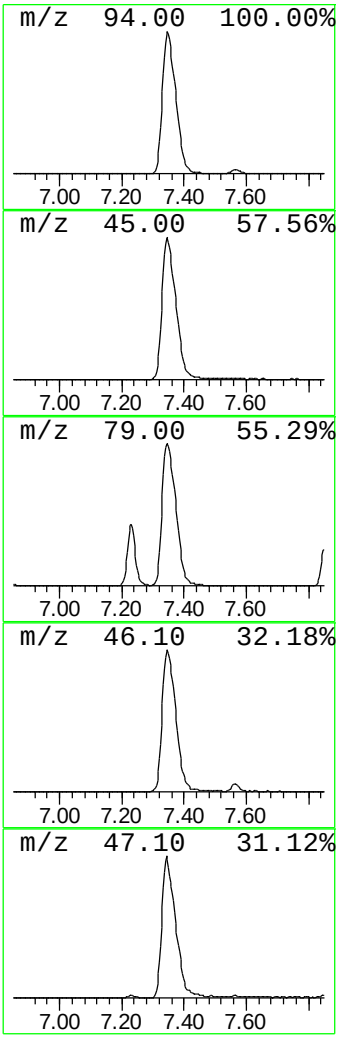
****

Peak Number 5 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	12.33 ug/L	1081450	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

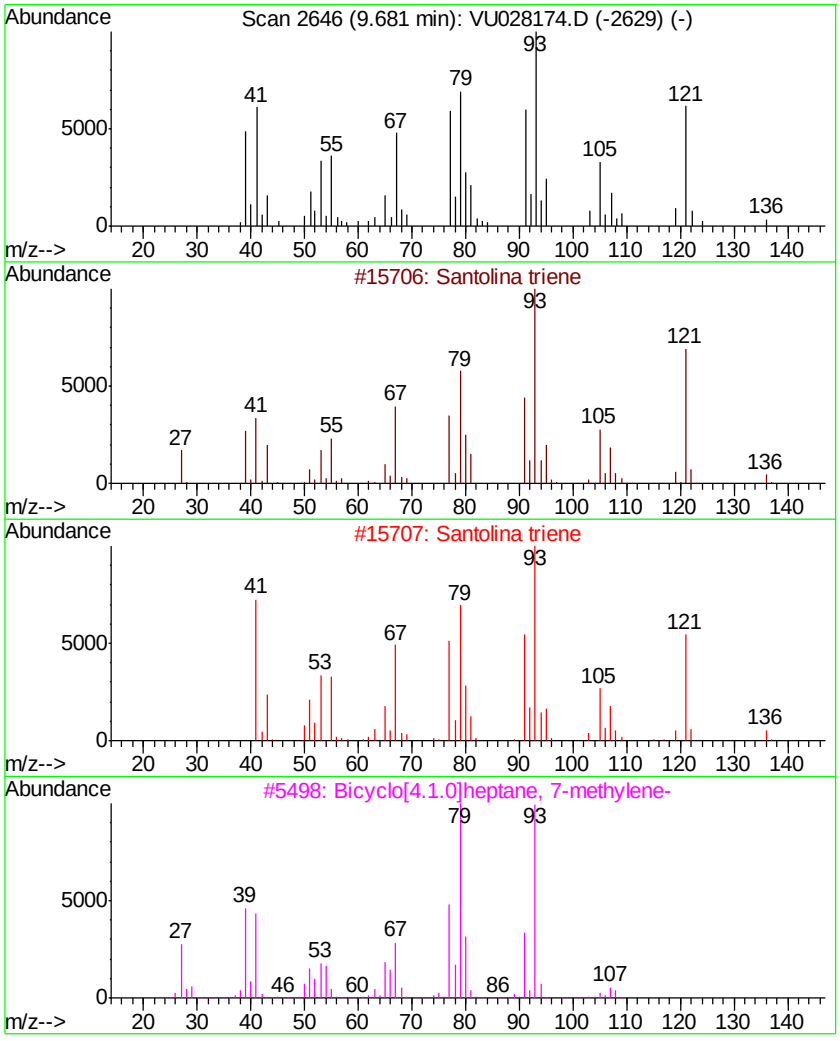
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

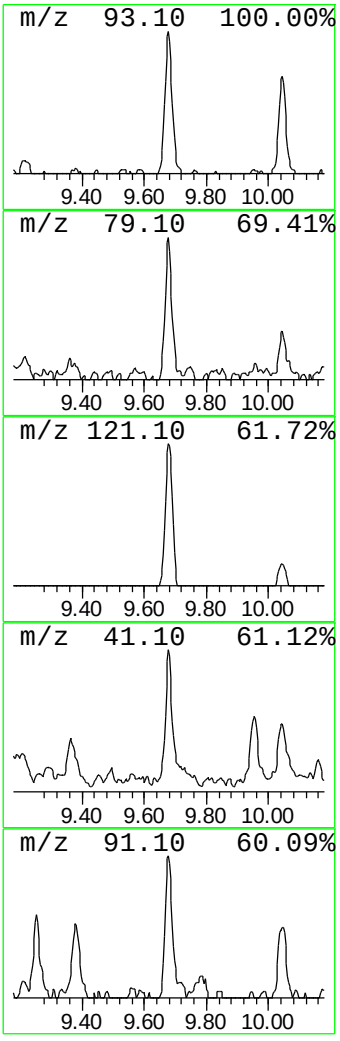
****

Peak Number 6 Santolina triene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	0.73 ug/L	78867	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Santolina triene	136	C10H16	002153-66-4	97
2	Santolina triene	136	C10H16	002153-66-4	91
3	Bicyclo[4.1.0]heptane, 7-methylene-	108	C8H12	054211-14-2	68
4	.beta.-Pinene	136	C10H16	000127-91-3	59
5	Bicyclo[3.2.0]heptane, 6-methylene-	108	C8H12	003642-22-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

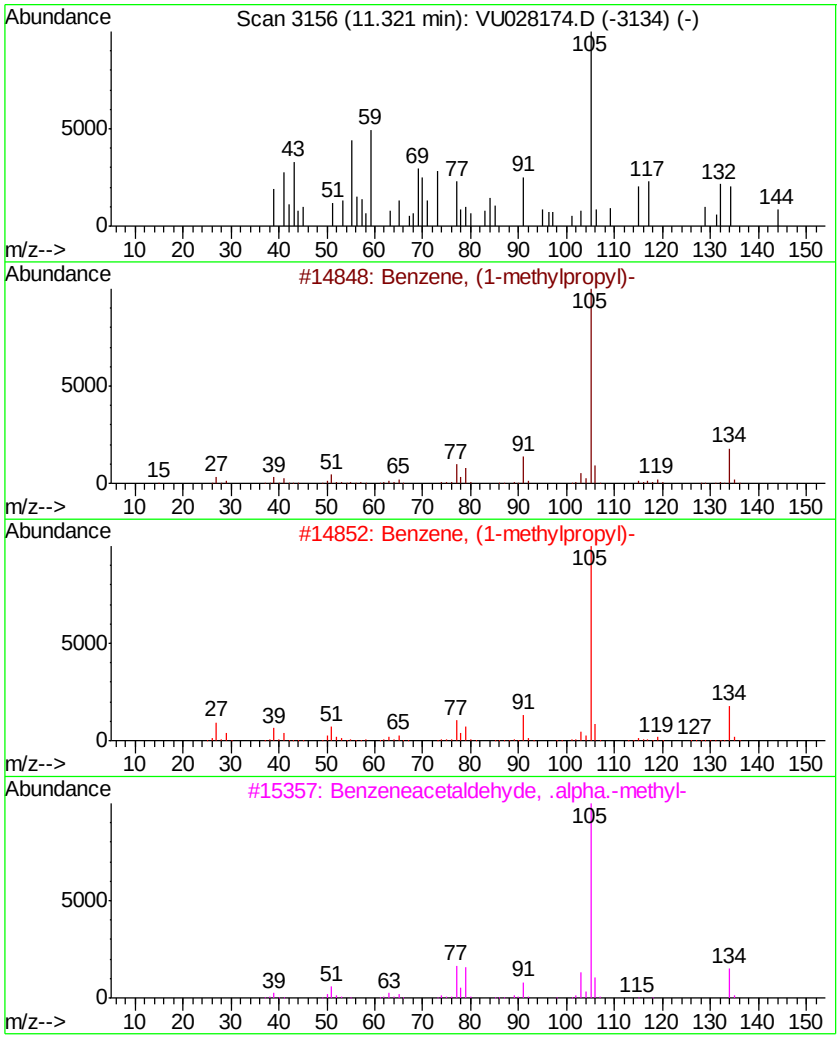
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

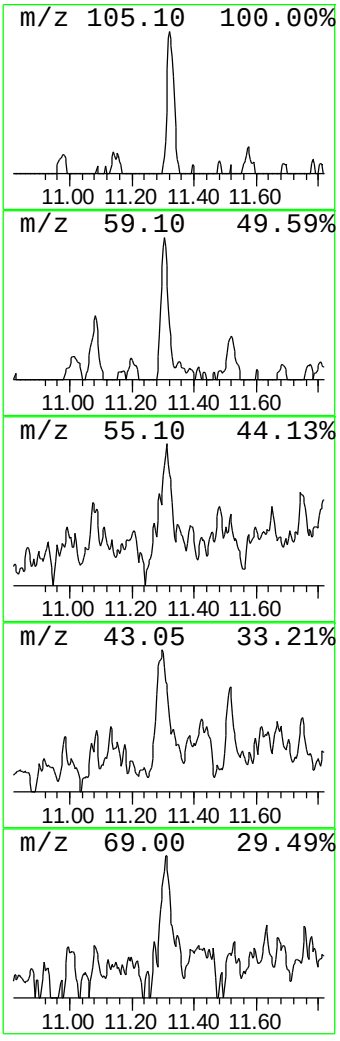
****

Peak Number 7 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	0.50 ug/L	51065	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	10
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	10
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	10
4	3H-Indazol-3-one, 1,2-dihydro-	134	C7H6N2O	007364-25-2	10
5	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

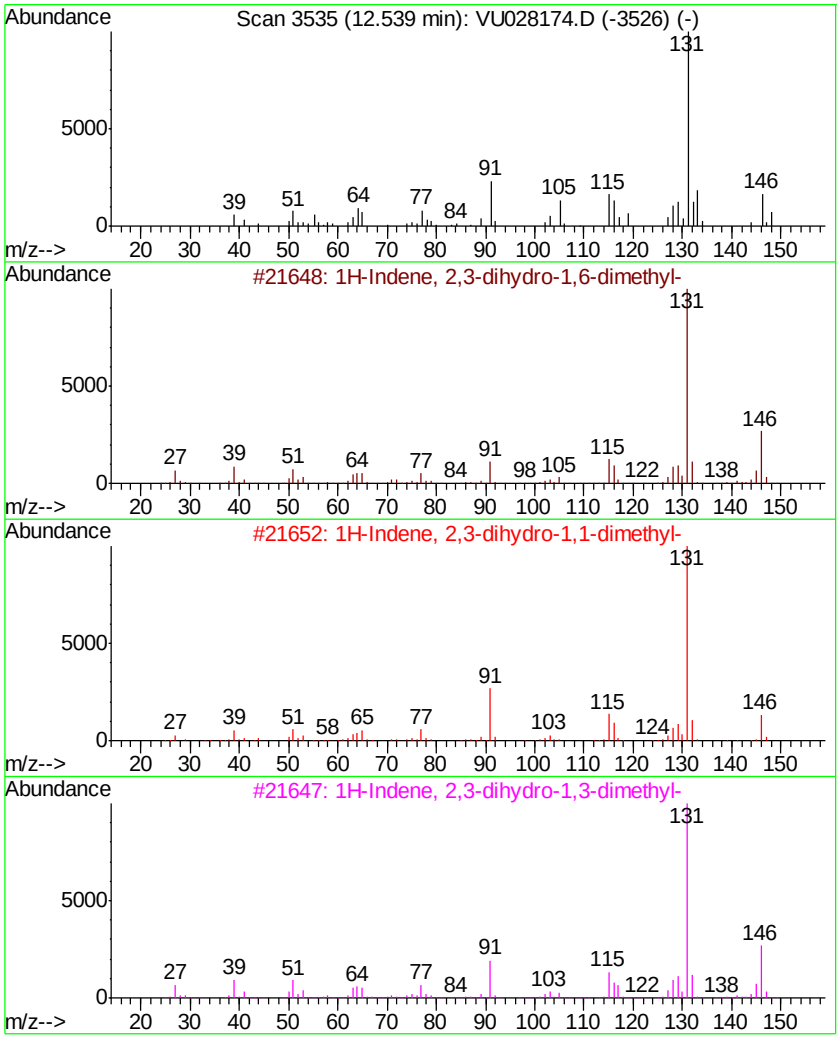
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

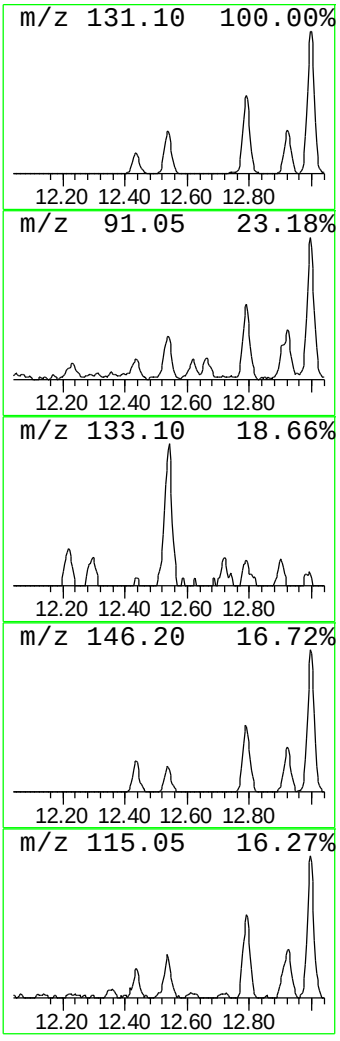
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.66 ug/L	67120	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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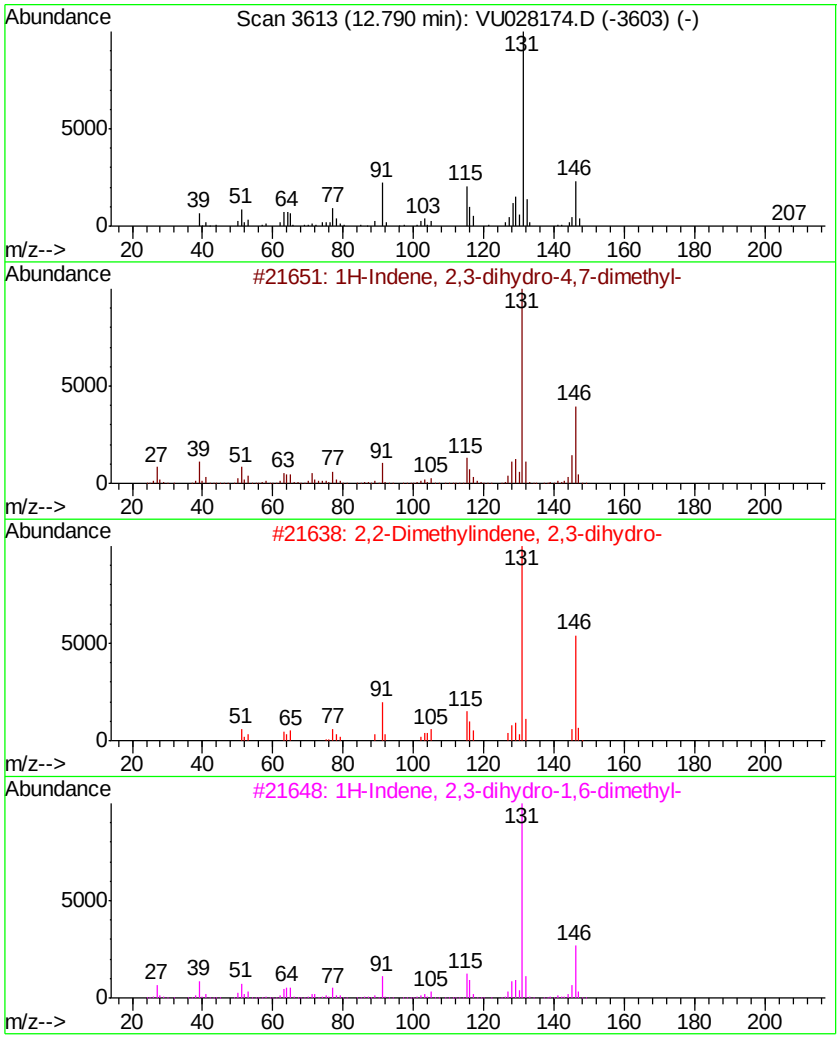
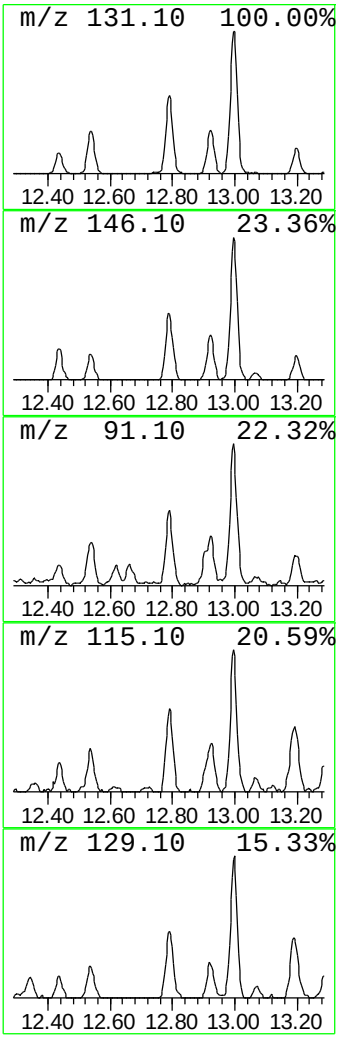
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	1.11 ug/L	113296	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





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Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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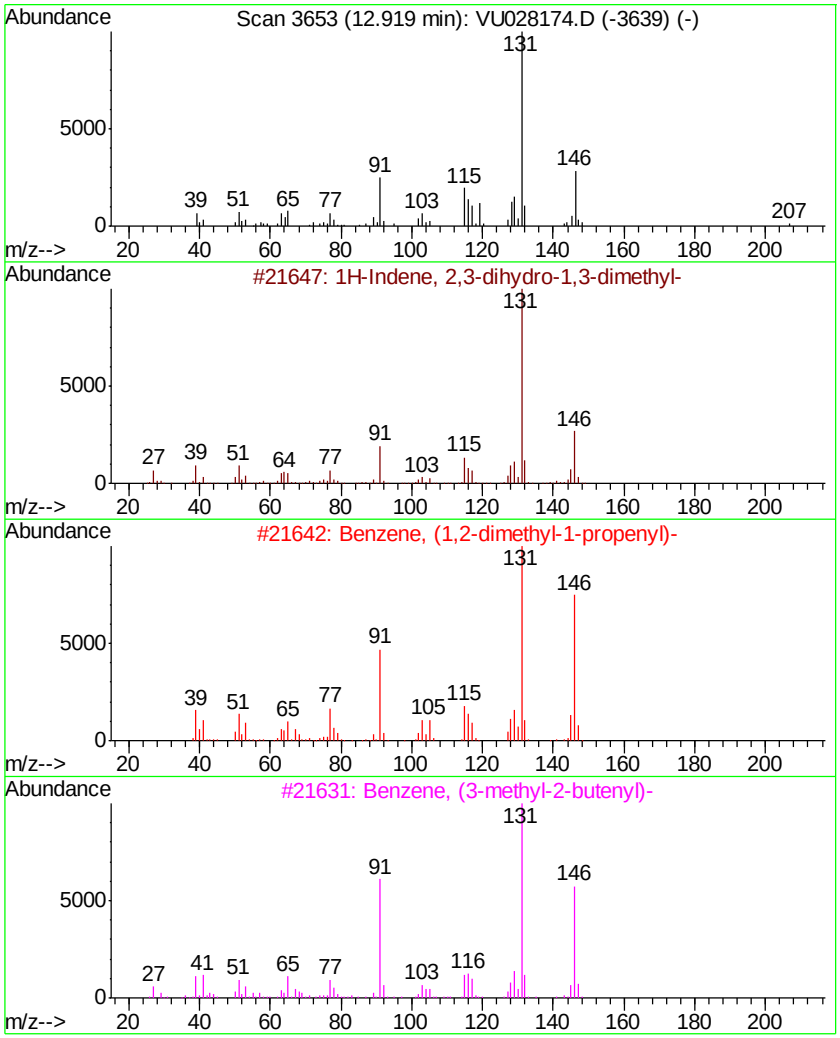
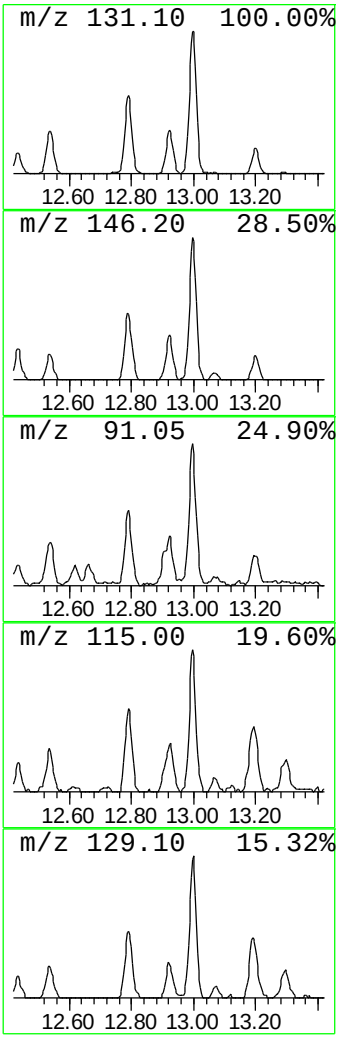
Peak Number 10 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	0.82 ug/L	83243	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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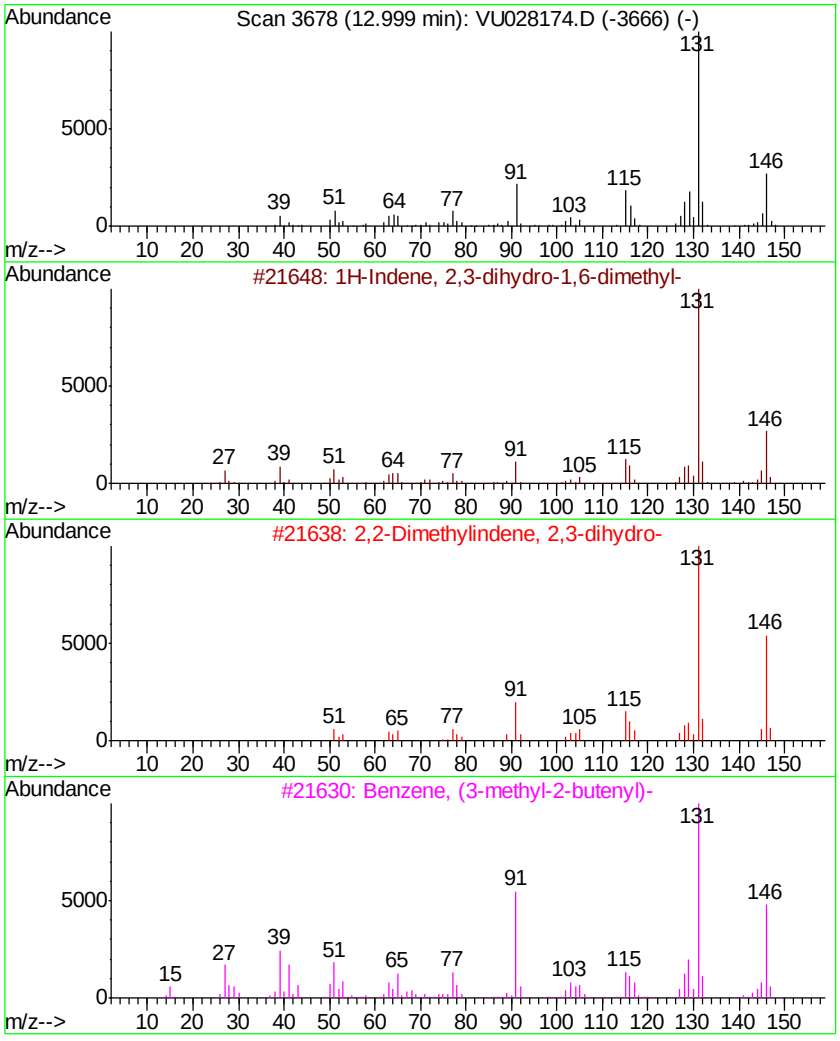
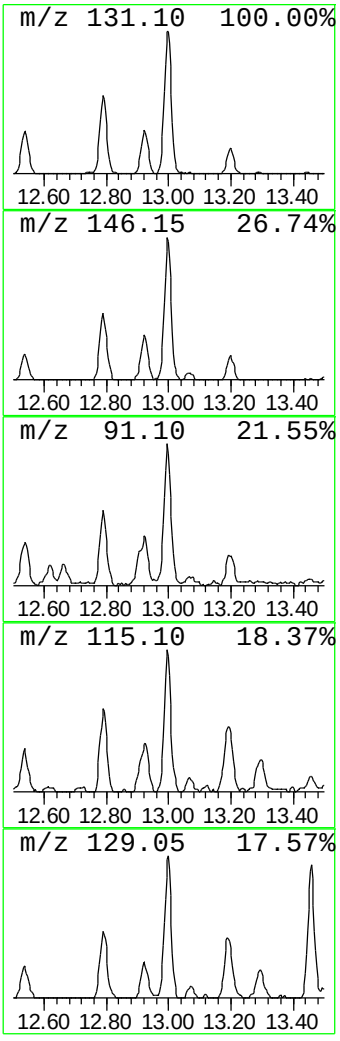
Peak Number 11 2,2-Dimethylindene, 2,3-dih... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	1.97 ug/L	200652	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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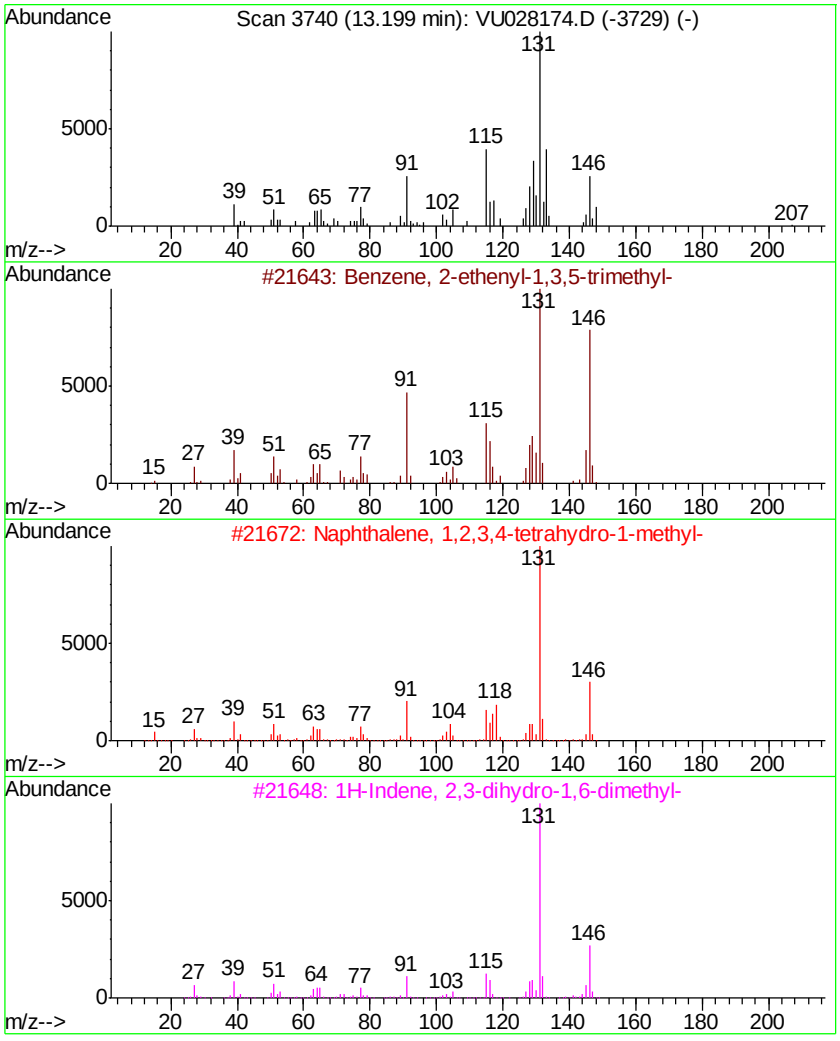
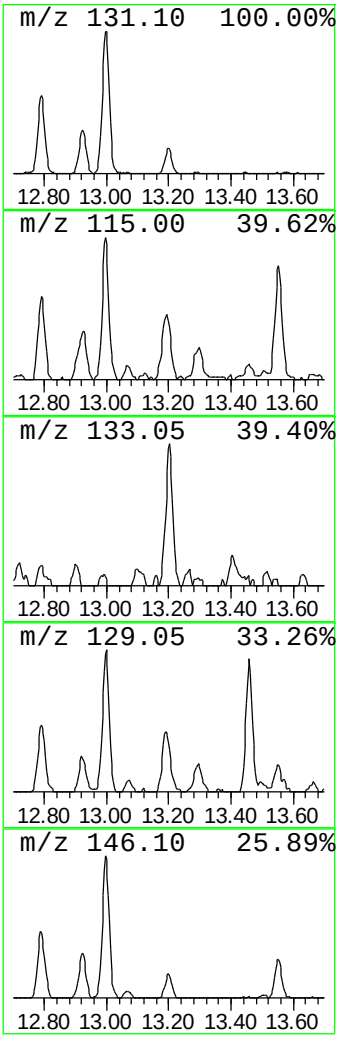
Peak Number 12 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	0.63 ug/L	64447	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	43
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	43





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Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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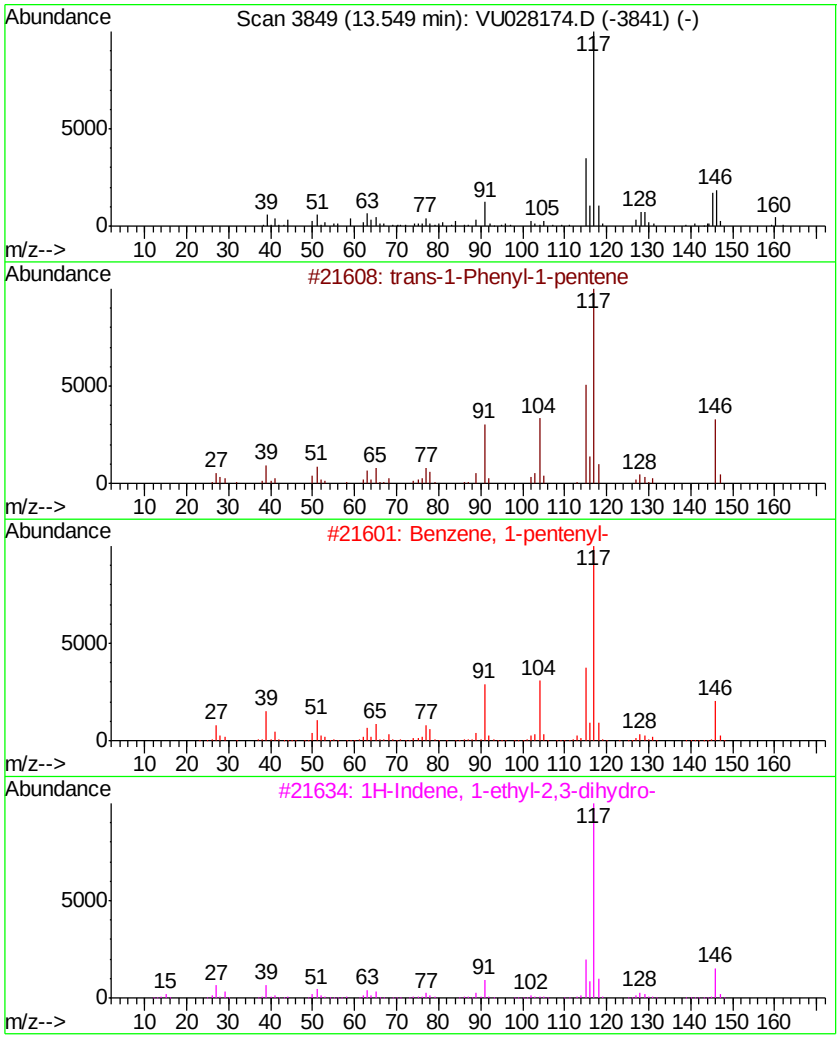
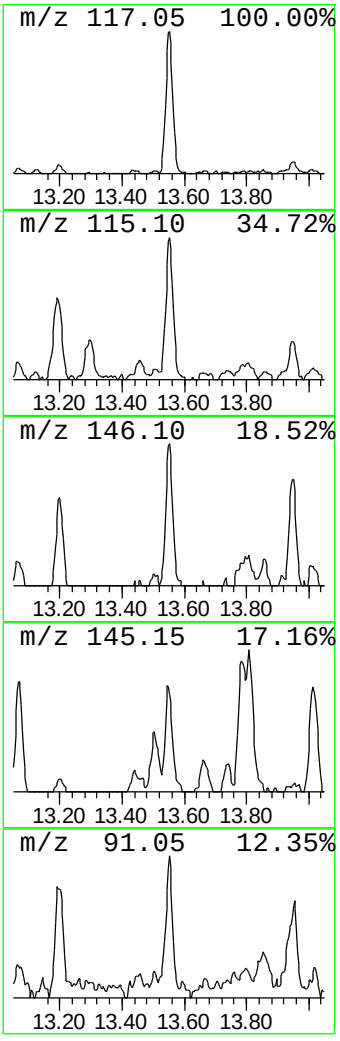
Peak Number 13 trans-1-Phenyl-1-pentene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	0.87 ug/L	88393	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	80
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	80
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	80
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	80
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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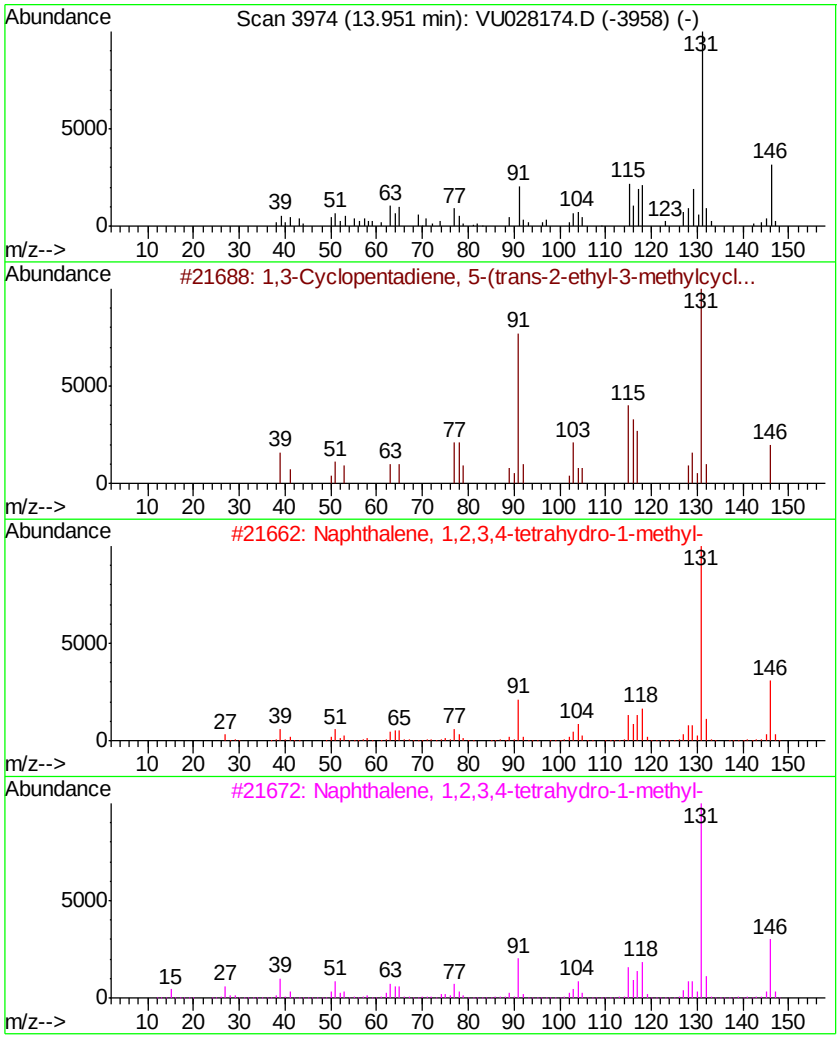
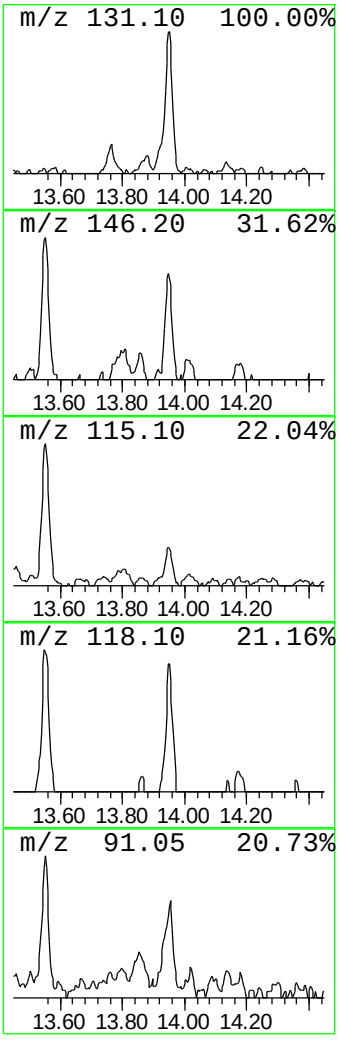
Peak Number 14 1,3-Cyclopentadiene, 5-(tra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	0.54 ug/L	55275	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111518\
Data File : VU028174.D
Acq On : 15 Nov 2018 16:15
Operator : MD/SY
Sample : J5943-16RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.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
Methanethiol	1.57	3.9	ug/L	340147	1	5.89	438576	5.0
Dimethyl sulfide	2.38	2.6	ug/L	225161	1	5.89	438576	5.0
Thiourea	2.62	12.4	ug/L	1084740	1	5.89	438576	5.0
Disulfide, dimethyl	7.35	12.3	ug/L	1081450	1	5.89	438576	5.0
Santolina triene	9.68	0.7	ug/L	78867	2	9.09	536677	5.0
unknown-01	11.32	0.5	ug/L	51065	3	11.48	508774	5.0
1H-Indene, 2,3-di...	12.54	0.7	ug/L	67120	3	11.48	508774	5.0
1H-Indene, 2,3-di...	12.79	1.1	ug/L	113296	3	11.48	508774	5.0
1H-Indene, 2,3-di...	12.92	0.8	ug/L	83243	3	11.48	508774	5.0
2,2-Dimethylinden...	13.00	2.0	ug/L	200652	3	11.48	508774	5.0
Benzene, 2-etheny...	13.20	0.6	ug/L	64447	3	11.48	508774	5.0
trans-1-Phenyl-1-...	13.55	0.9	ug/L	88393	3	11.48	508774	5.0
1,3-Cyclopentadie...	13.95	0.5	ug/L	55275	3	11.48	508774	5.0