LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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	1.399	61	70	83	rVB3	104072	134039	3.17%	0.937%
2	1.569	115	123	138	rBV	1103829	1422900	33.65%	9.951%
3	1.685	154	159	208	rVB3	117402	451163	10.67%	3.155%
4	2.276	333	343	353	rBV	113583	176500	4.17%	1.234%
5	2.382	367	376	398	rVB	242764	376757	8.91%	2.635%
6	2.636	401	455	527	rBV2	406336	4229125	100.00%	29.576%
7	4.218	924	947	969	rBV4	61172	216351	5.12%	1.513%
8	4.652	1066	1082	1100	rVB2	85772	191448	4.53%	1.339%
9	5.341	1276	1296	1327	rVB2	184569	532186	12.58%	3.722%
10	5.887	1452	1466	1479	rBV	168823	333676	7.89%	2.334%
11	6.334	1586	1605	1618	rBV	130503	260346	6.16%	1.821%
12	7.228	1872	1883	1900	rBV3	45187	89511	2.12%	0.626%
13	7.340	1900	1918	1960	rVV	815425	2302531	54.44%	16.102%
14	7.566	1972	1988	2003	rBV	243224	432024	10.22%	3.021%
15	7.852	2068	2077	2088	rBV3	27519	48496	1.15%	0.339%
16	8.096	2144	2153	2167	rVV2	31255	54333	1.28%	0.380%
17	8.315	2210	2221	2237	rBV	323974	555306	13.13%	3.883%
18	9.090	2450	2462	2474	rBV	245309	401477	9.49%	2.808%
19	9.363	2535	2547	2566	rVB	16445	49013	1.16%	0.343%
20	10.434	2869	2880	2893	rBV	85356	140314	3.32%	0.981%
21	11.028	3055	3065	3077	rBV2	76787	134984	3.19%	0.944%
22	11.321	3135	3156	3169	rBV2	14527	44566	1.05%	0.312%
23	11.485	3196	3207	3231	rVB	232848	386060	9.13%	2.700%
24	11.861	3312	3324	3343	rVB2	280112	463205	10.95%	3.239%
25	12.536	3526	3534	3543	rVB2	47484	67120	1.59%	0.469%
26	12.787	3601	3612	3625	rBV	92799	145042	3.43%	1.014%
27	12.922	3638	3654	3664	rBV2	54512	108945	2.58%	0.762%
28	12.996	3667	3677	3691	rVV	162204	253000	5.98%	1.769%
29	13.196	3729	3739	3750	rVB5	45170	78690	1.86%	0.550%
30	13.456	3809	3820	3828	rBV3	27509	45354	1.07%	0.317%
31	13.552	3841	3850	3862	rVB	68305	109059	2.58%	0.763%
32	13.948	3957	3973	3982	rBV2	37868	65810	1.56%	0.460%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

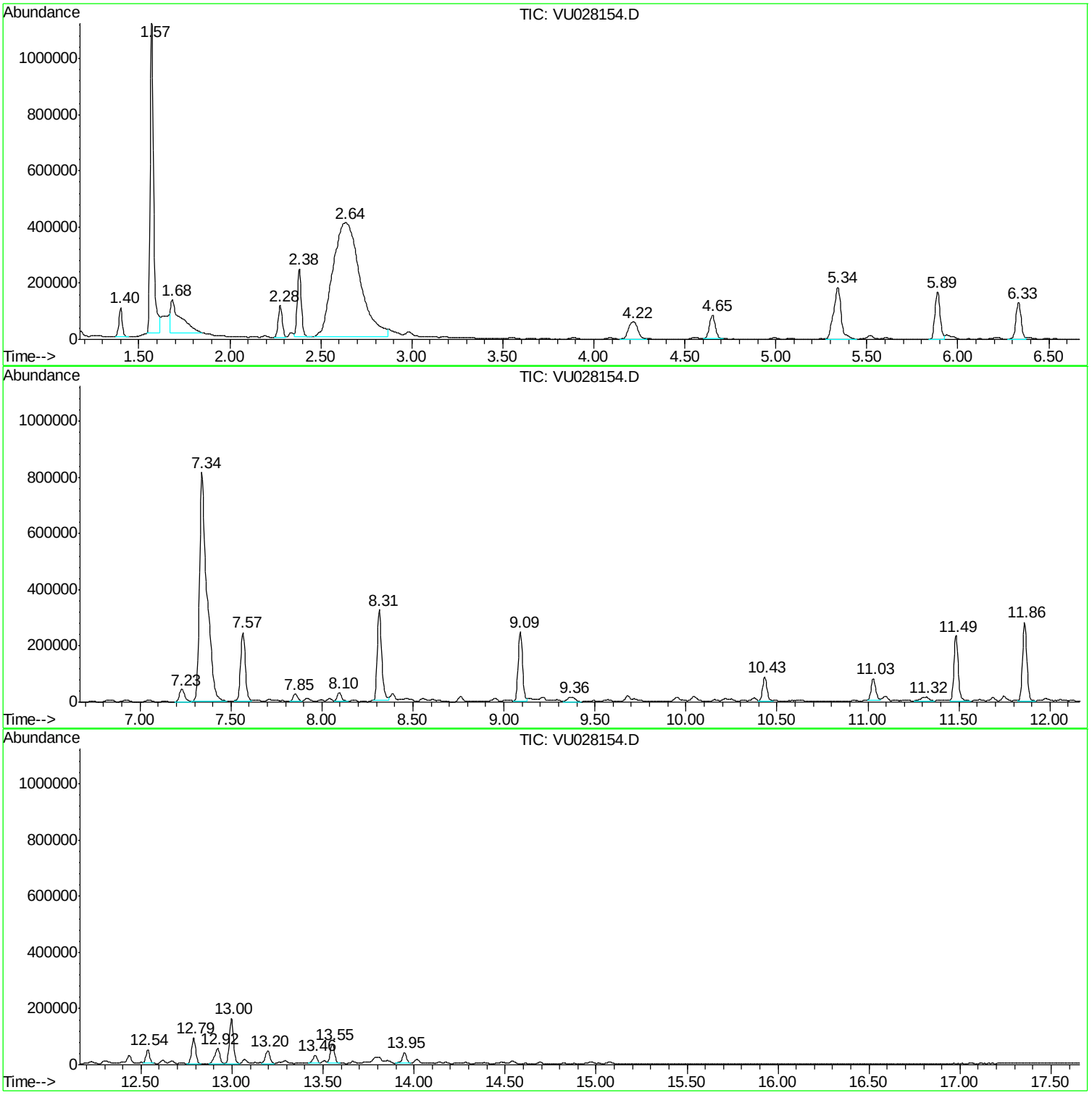
Sum of corrected areas: 14299331

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

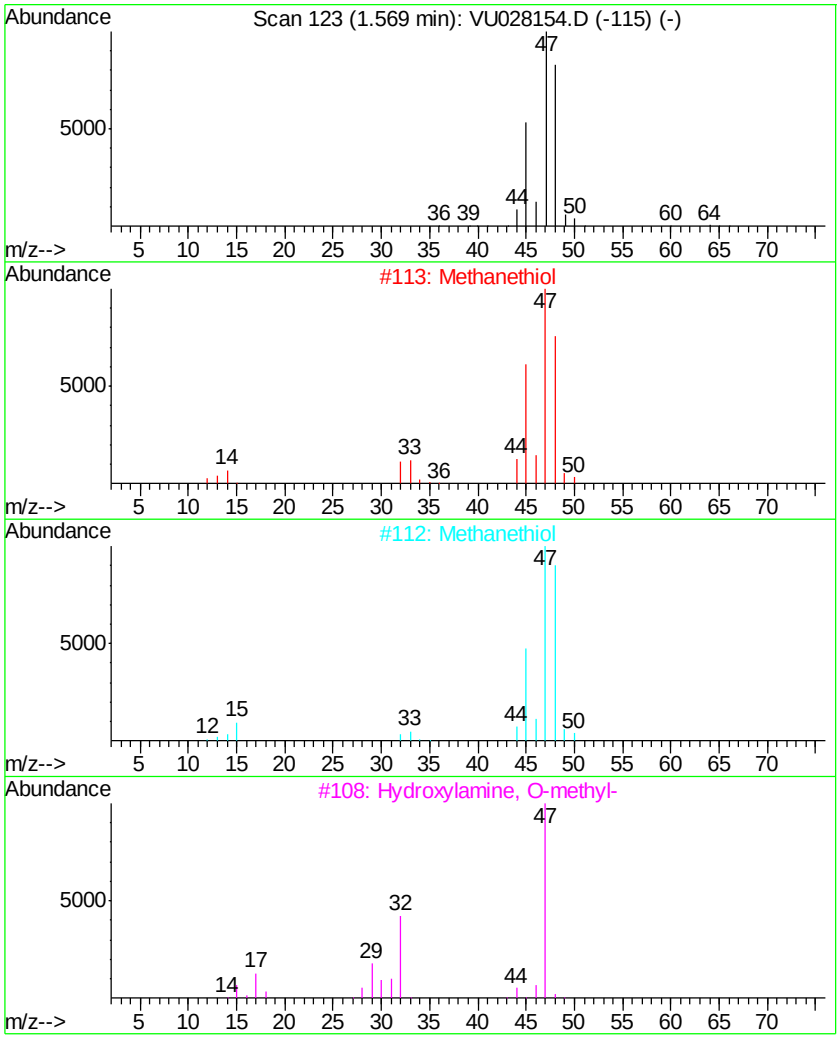
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

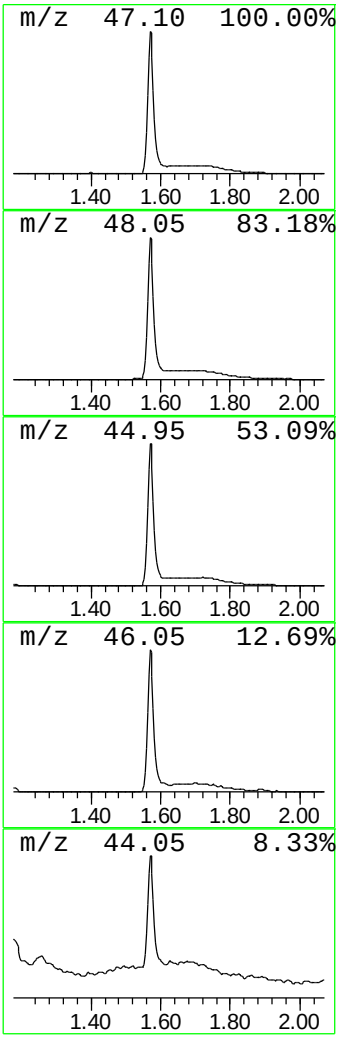
****

Peak Number 1 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.57	21.32 ug/L	1422900	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\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

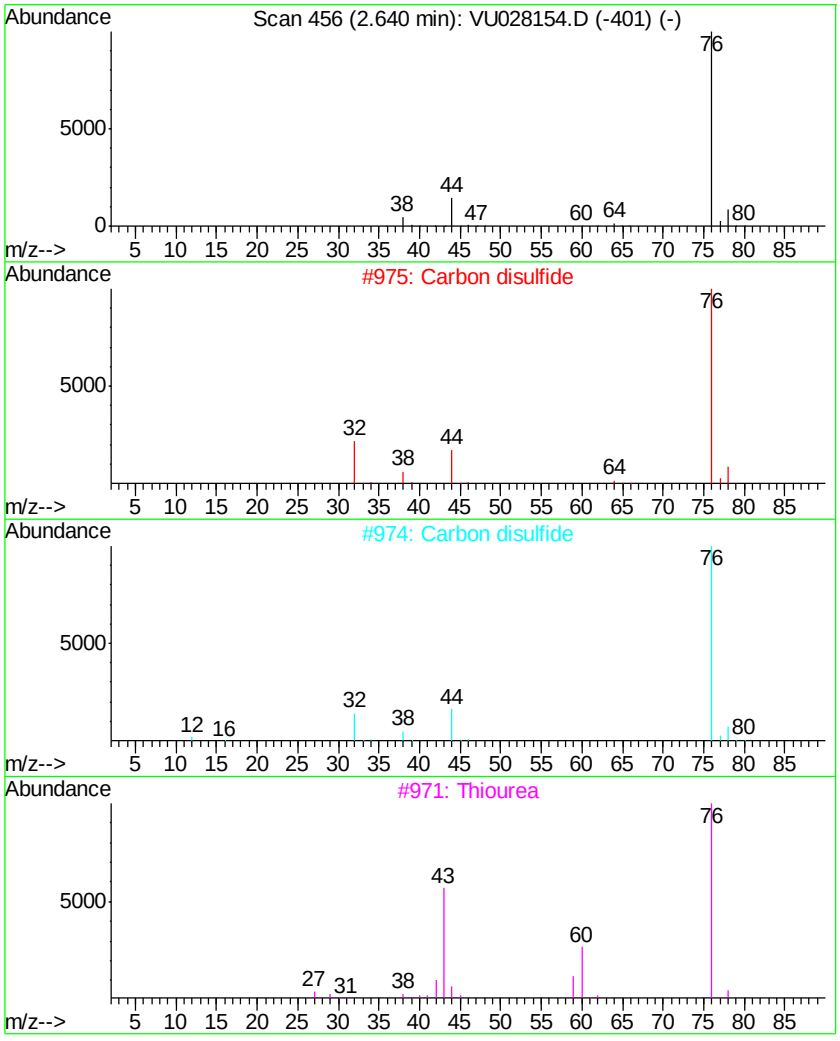
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

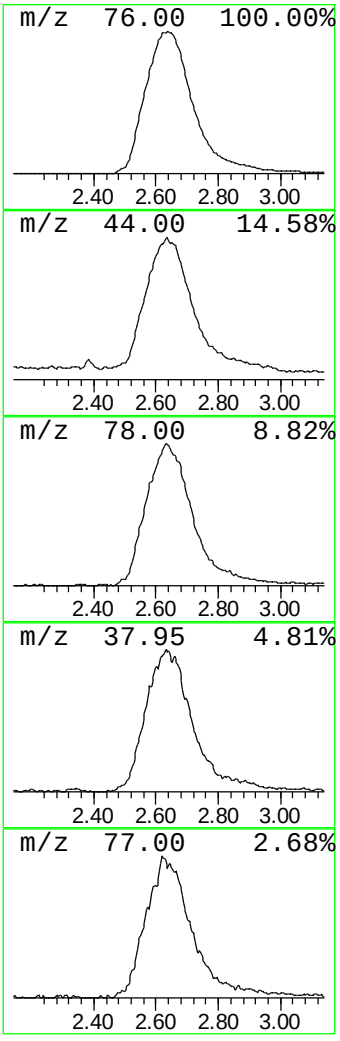
****

Peak Number 2 Thiourea Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	63.37 ug/L	4229130	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon disulfide	76	CS2	000075-15-0	83
2	Carbon disulfide	76	CS2	000075-15-0	74
3	Thiourea	76	CH4N2S	000062-56-6	9
4	Thiourea	76	CH4N2S	000062-56-6	7
5	Thiourea	76	CH4N2S	000062-56-6	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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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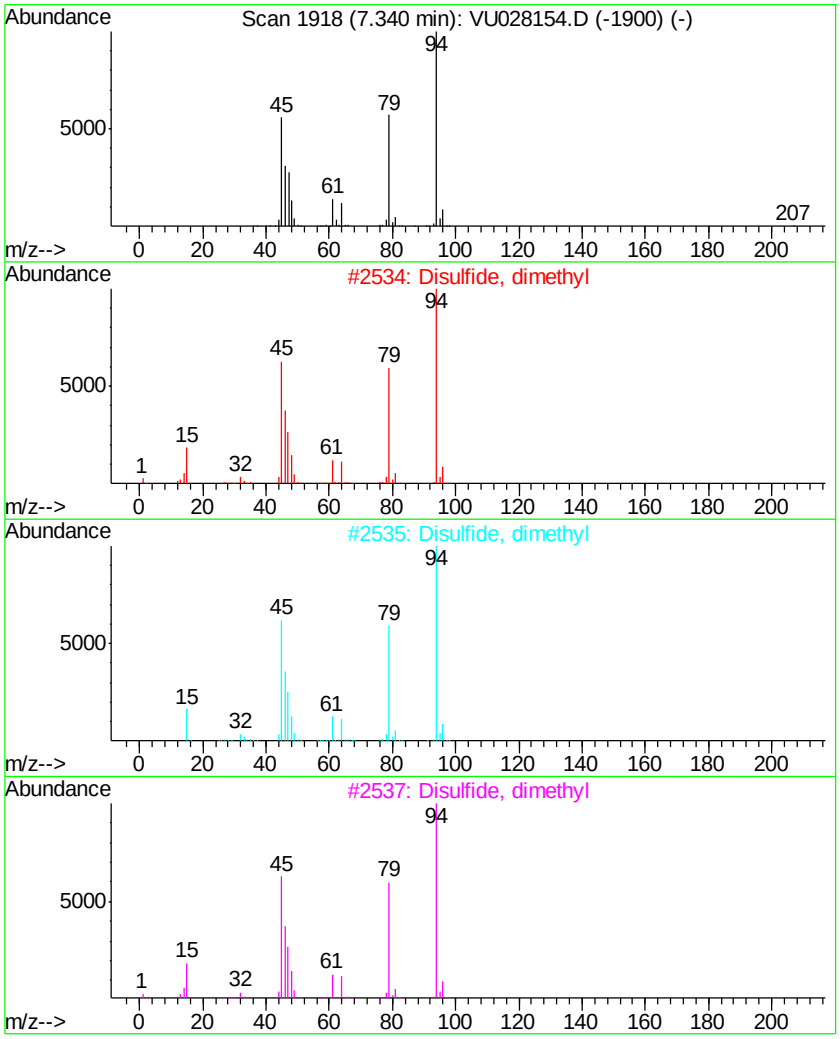
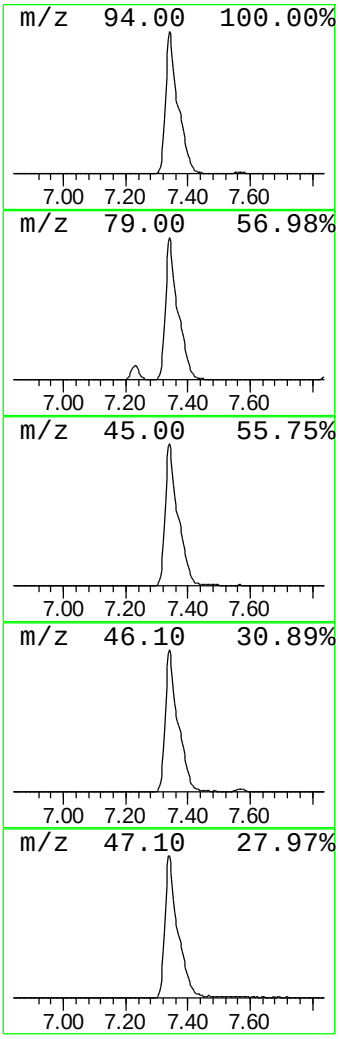
Peak Number 4 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	34.50 ug/L	2302530	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	96
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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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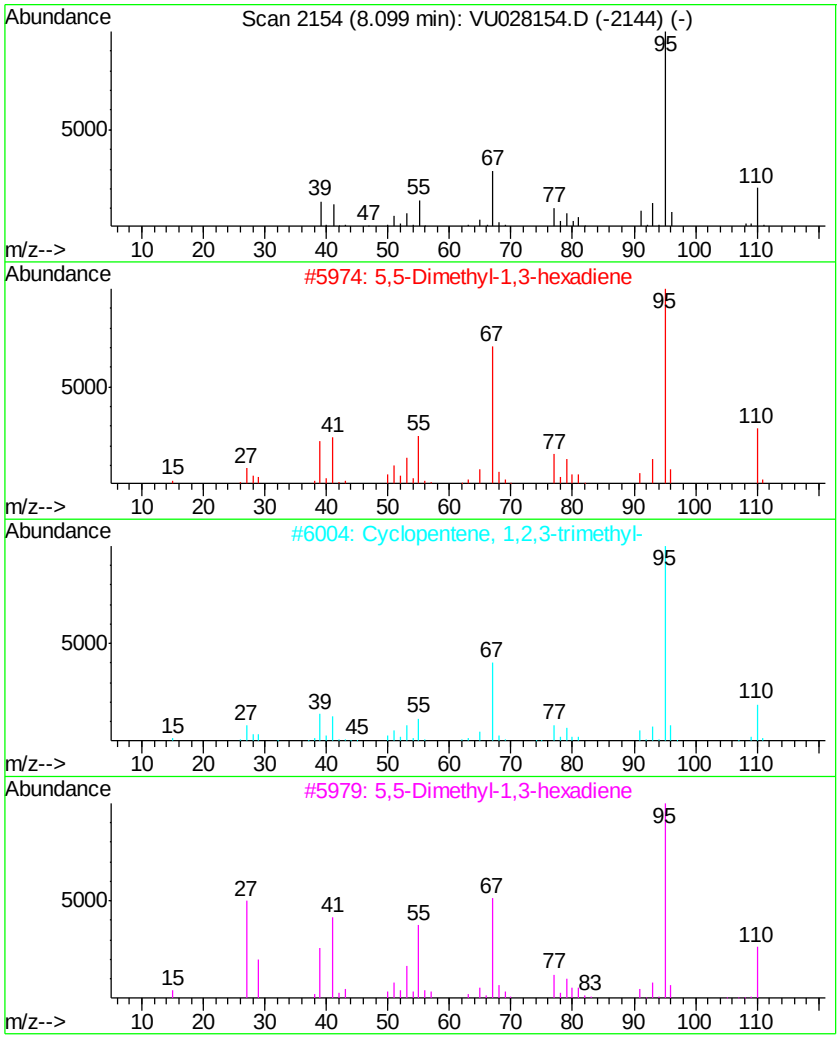
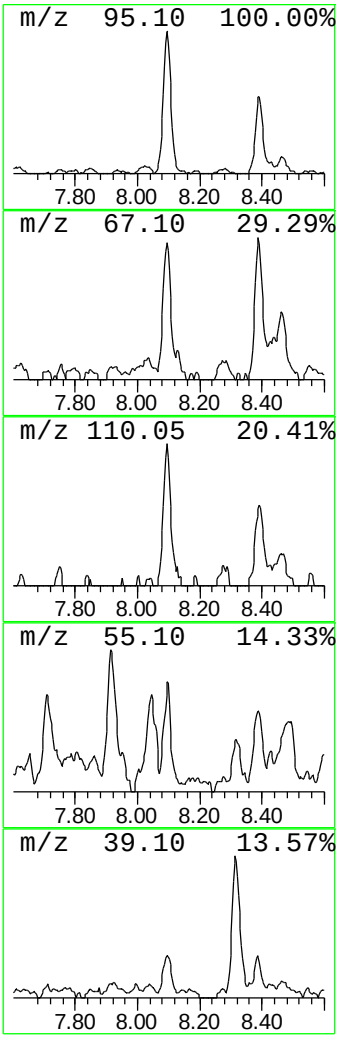
Peak Number 5 5,5-Dimethyl-1,3-hexadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	0.68 ug/L	54333	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	91
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	87
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

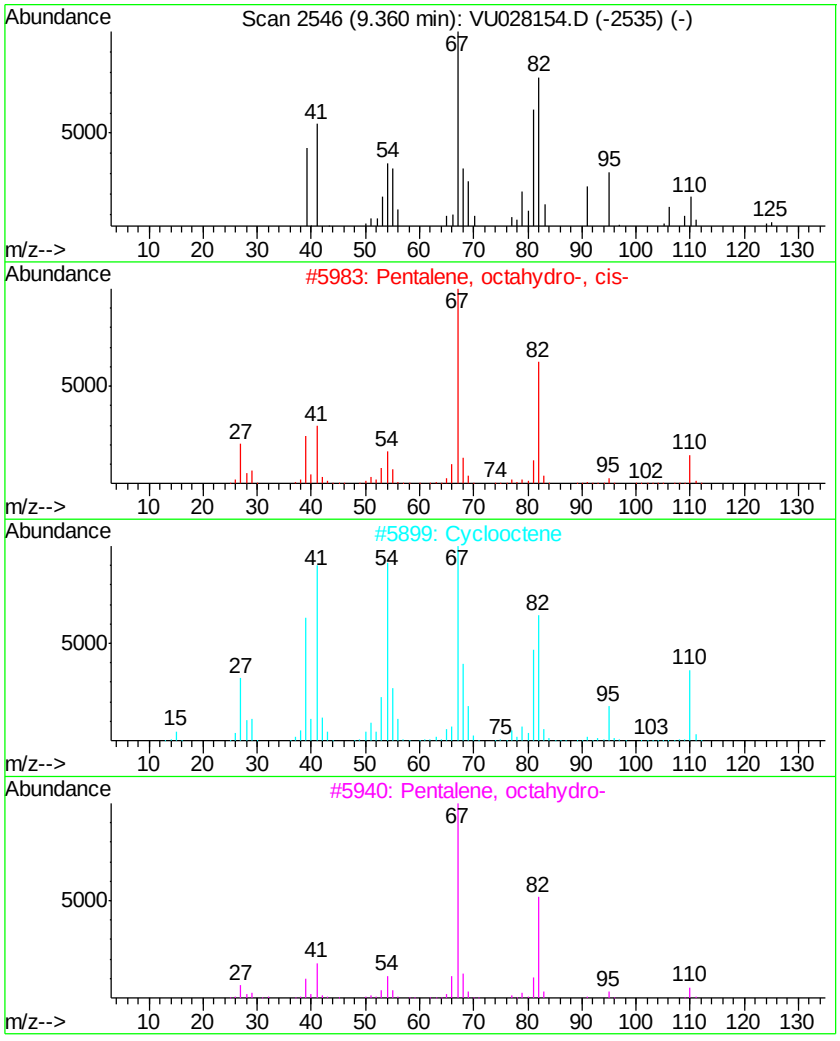
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

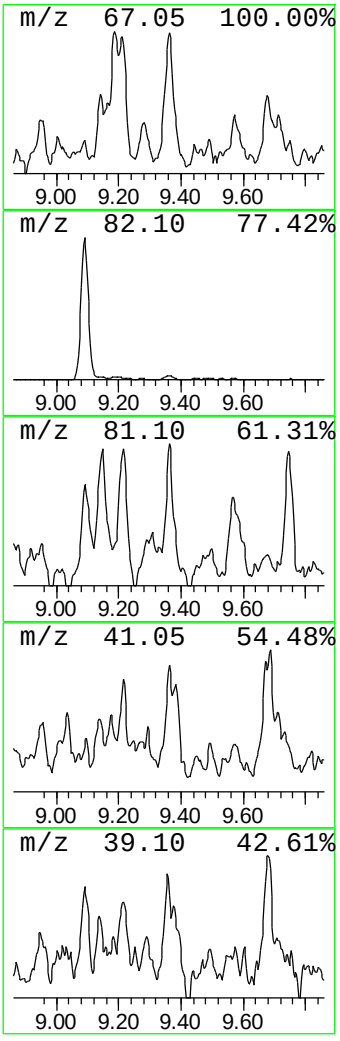
****

Peak Number 6 Pentalene, octahydro-, cis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	0.61 ug/L	49013	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	64
2	Cyclooctene	110	C8H14	000931-88-4	64
3	Pentalene, octahydro-	110	C8H14	000694-72-4	64
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	64
5	Bicyclo[5.1.0]octane	110	C8H14	000286-43-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

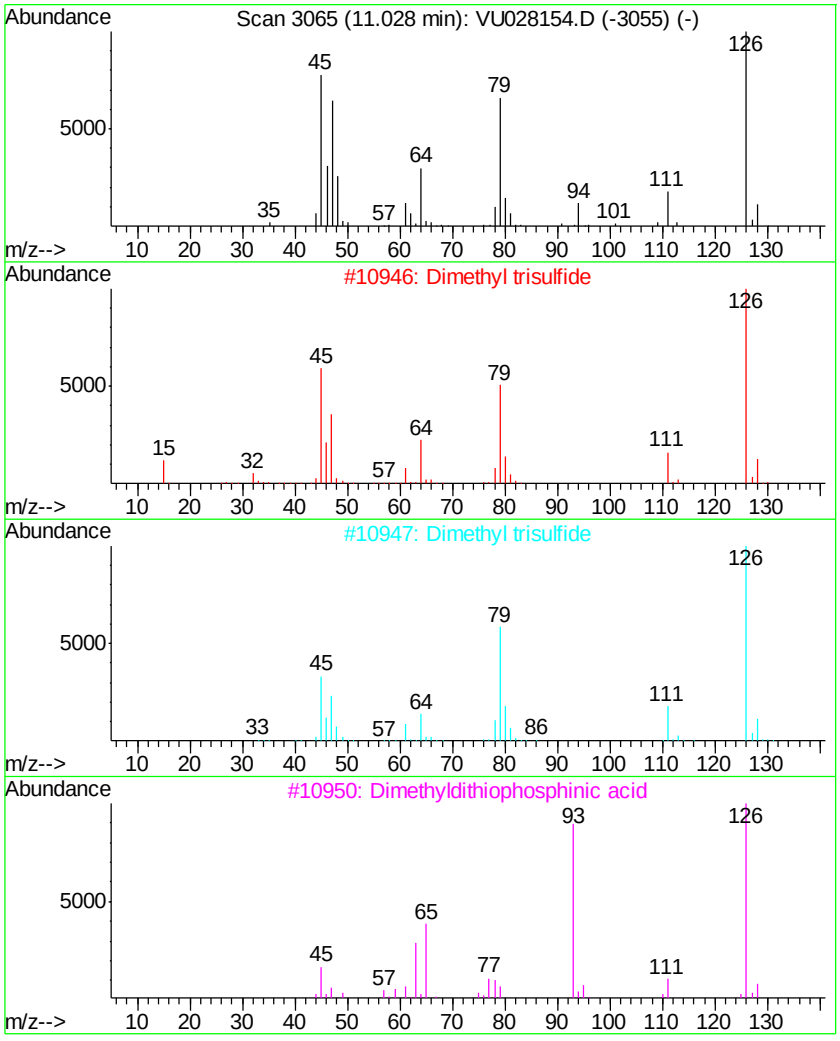
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

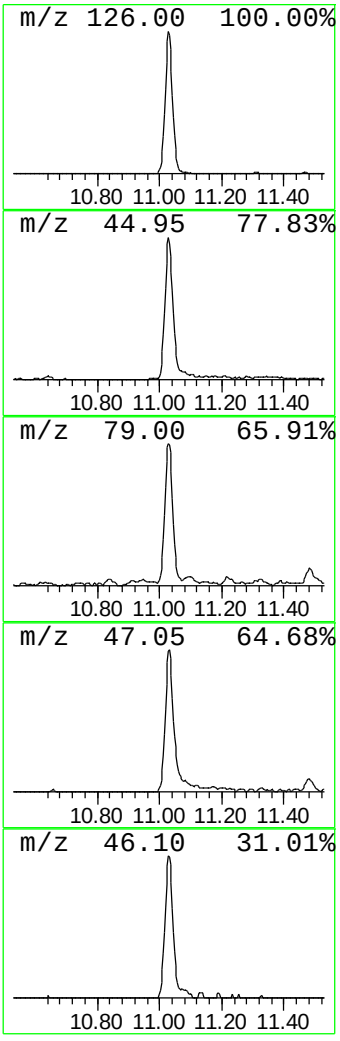
****

Peak Number 7 Dimethyl trisulfide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	1.75 ug/L	134984	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl trisulfide	126	C2H6S3	003658-80-8	94
2	Dimethyl trisulfide	126	C2H6S3	003658-80-8	60
3	Dimethyldithiophosphinic acid	126	C2H7PS2	016367-68-3	14
4	1,2,3-Benzenetriol	126	C6H6O3	000087-66-1	9
5	4-Mercaptophenol	126	C6H6OS	000637-89-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

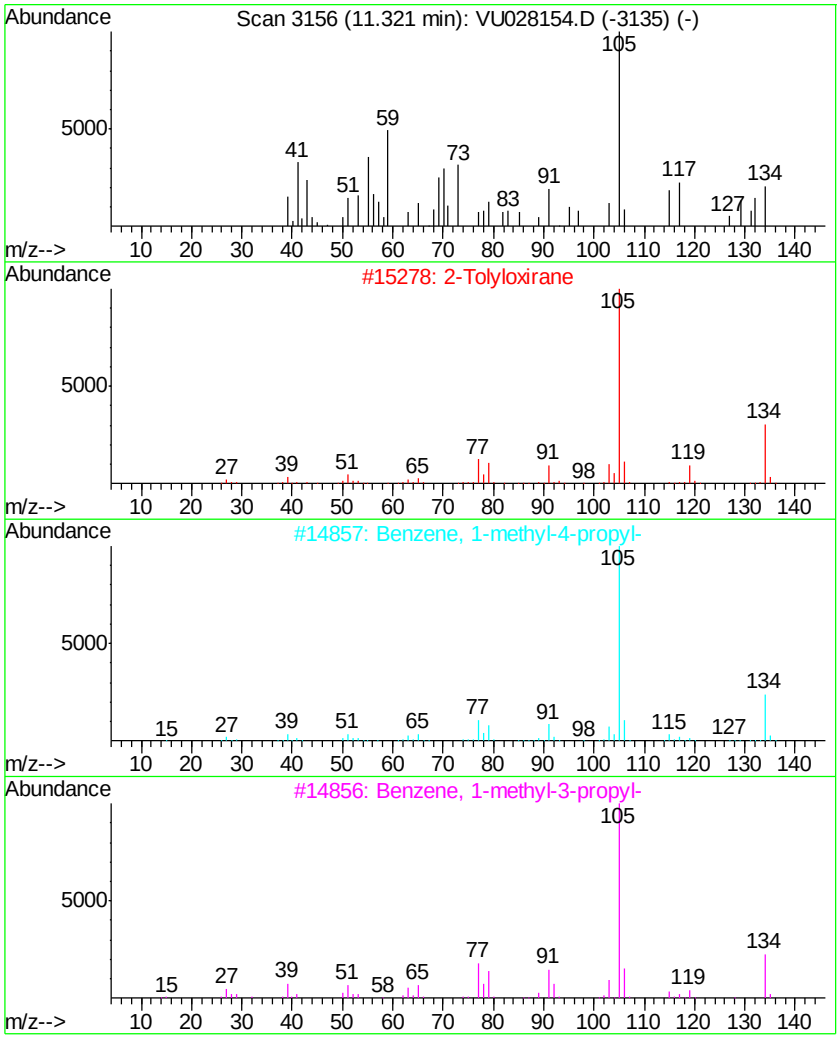
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

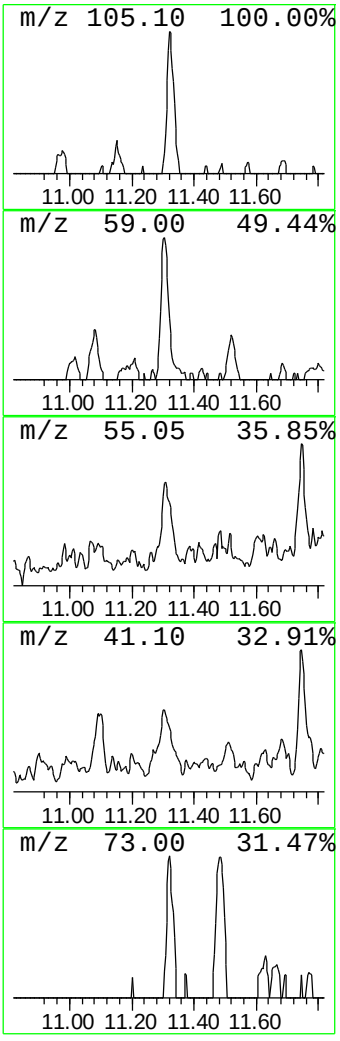
****

Peak Number 8 2-Tolyloxirane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	0.58 ug/L	44566	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	22
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	22
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	18
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	14
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	14





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

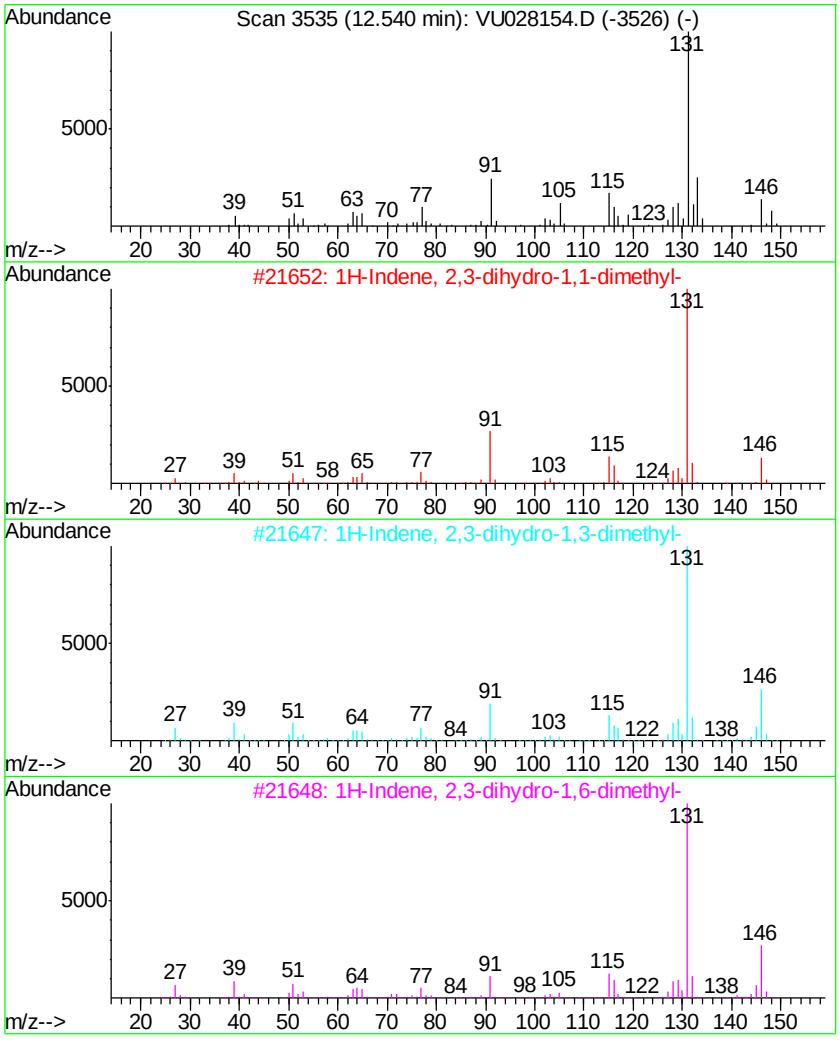
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

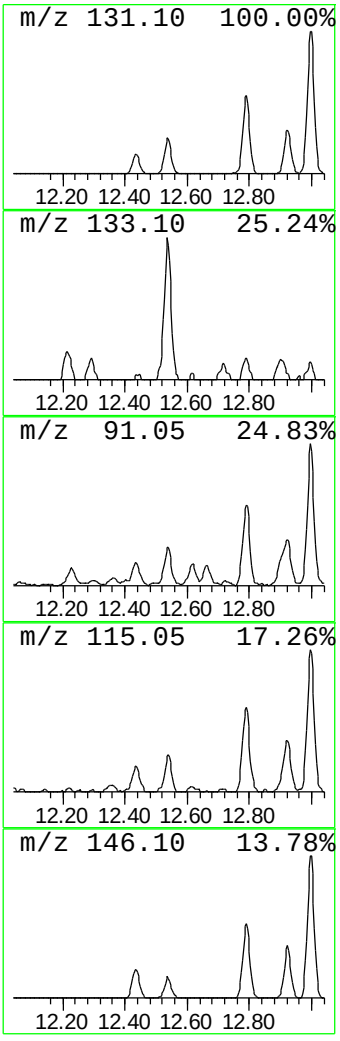
****

Peak Number 9 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.87 ug/L	67120	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

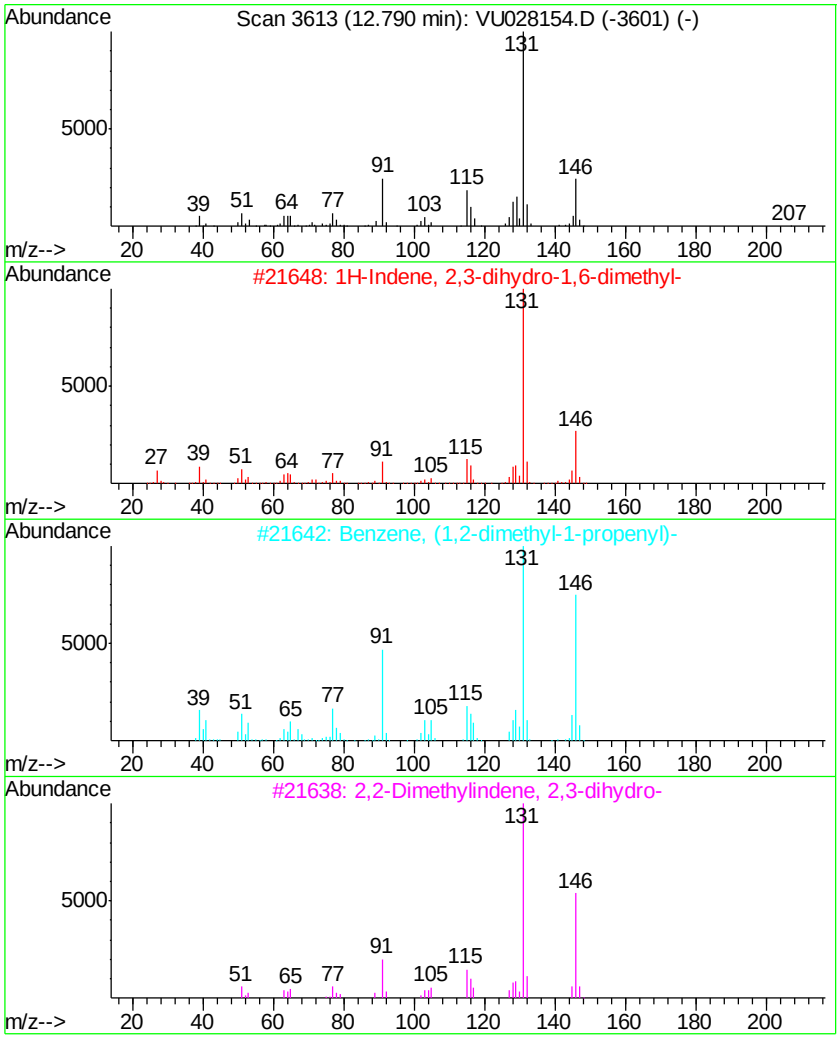
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

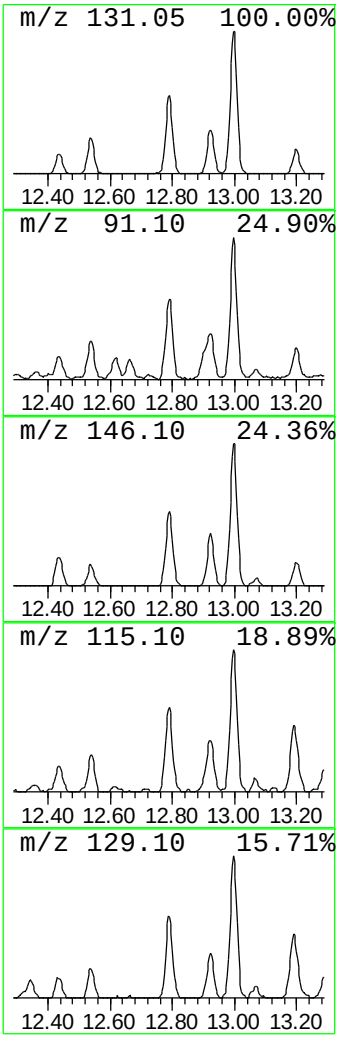
****

Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	1.88 ug/L	145042	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	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

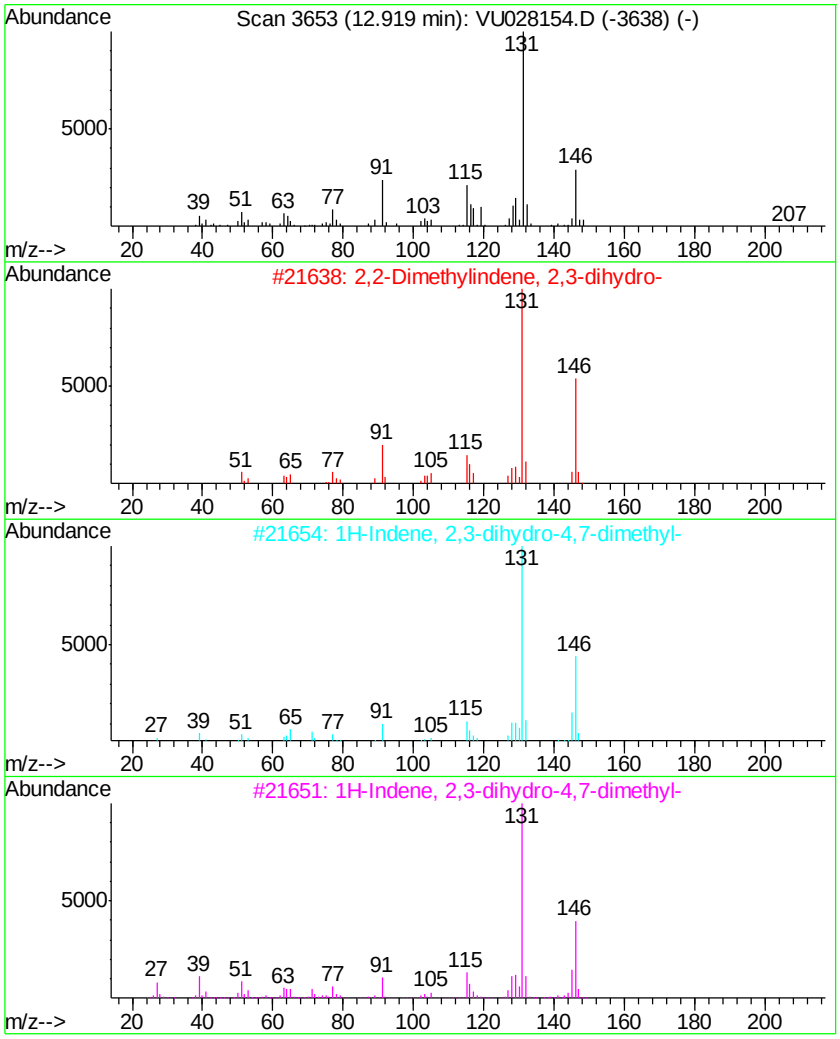
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

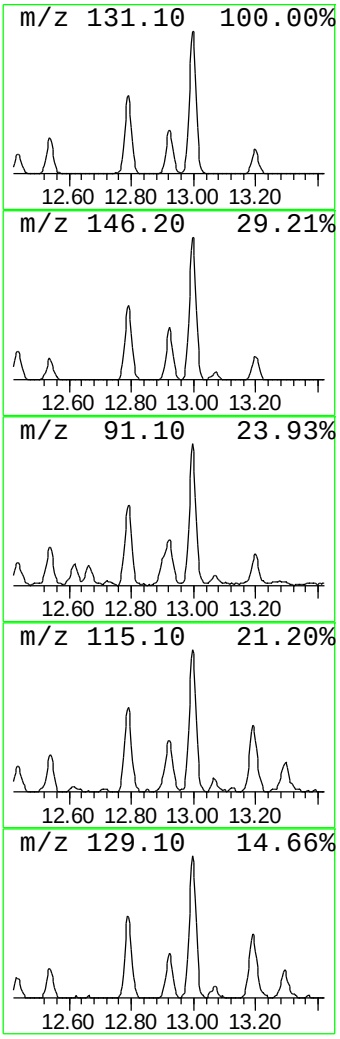
****

Peak Number 11 2,2-Dimethylindene, 2,3-dih... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	1.41 ug/L	108945	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





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Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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

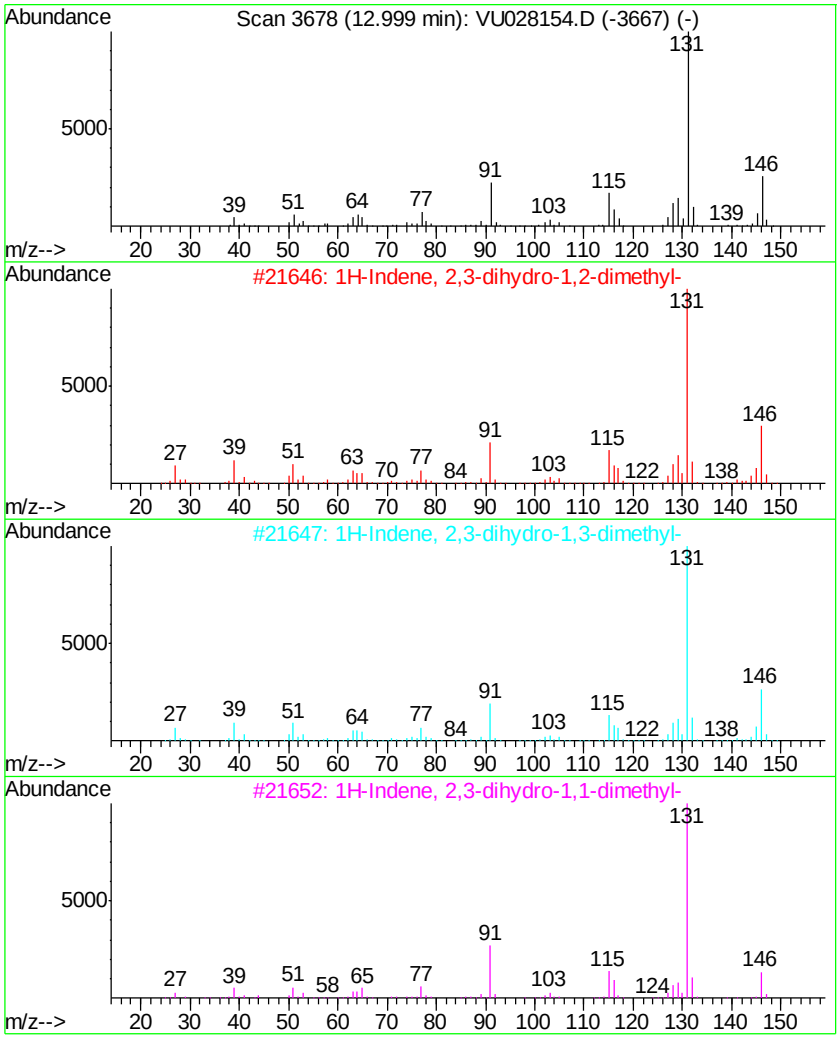
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

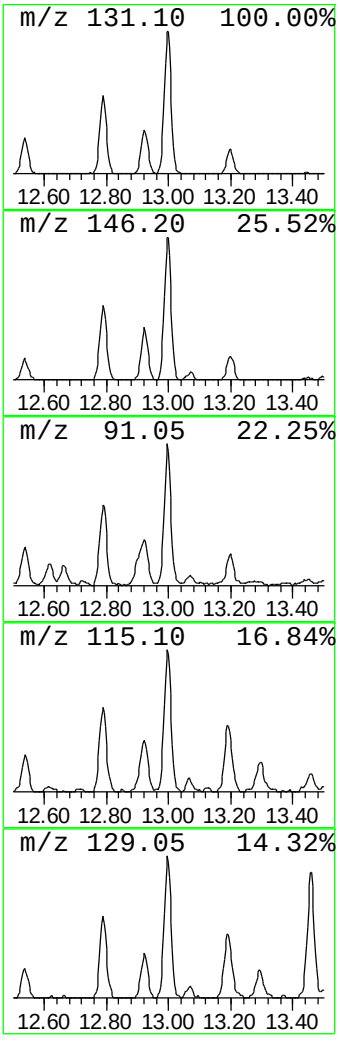
****

Peak Number 12 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.28 ug/L	253000	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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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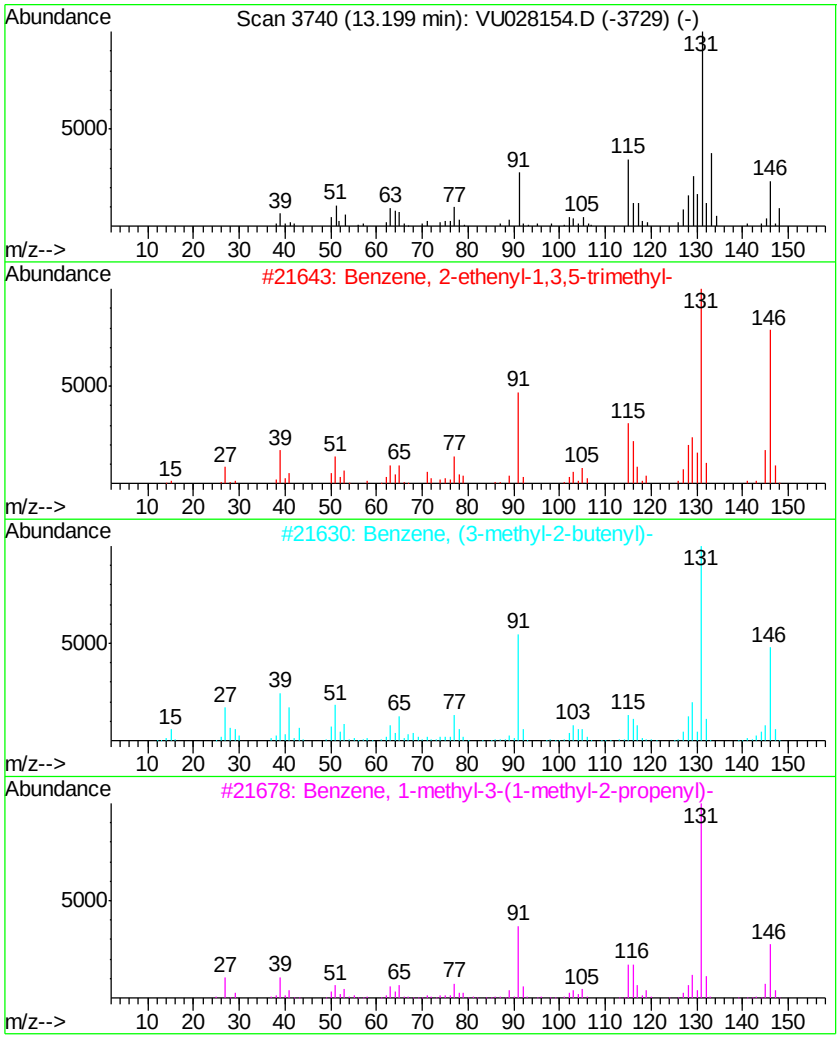
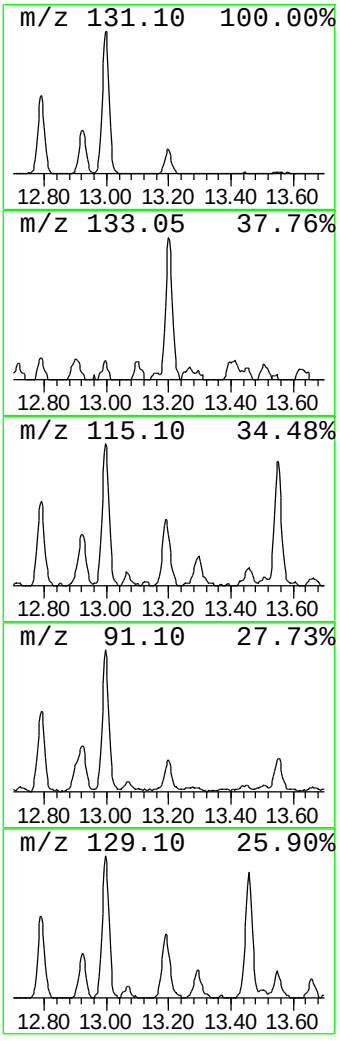
Peak Number 13 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	1.02 ug/L	78690	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	74
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	47
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	46
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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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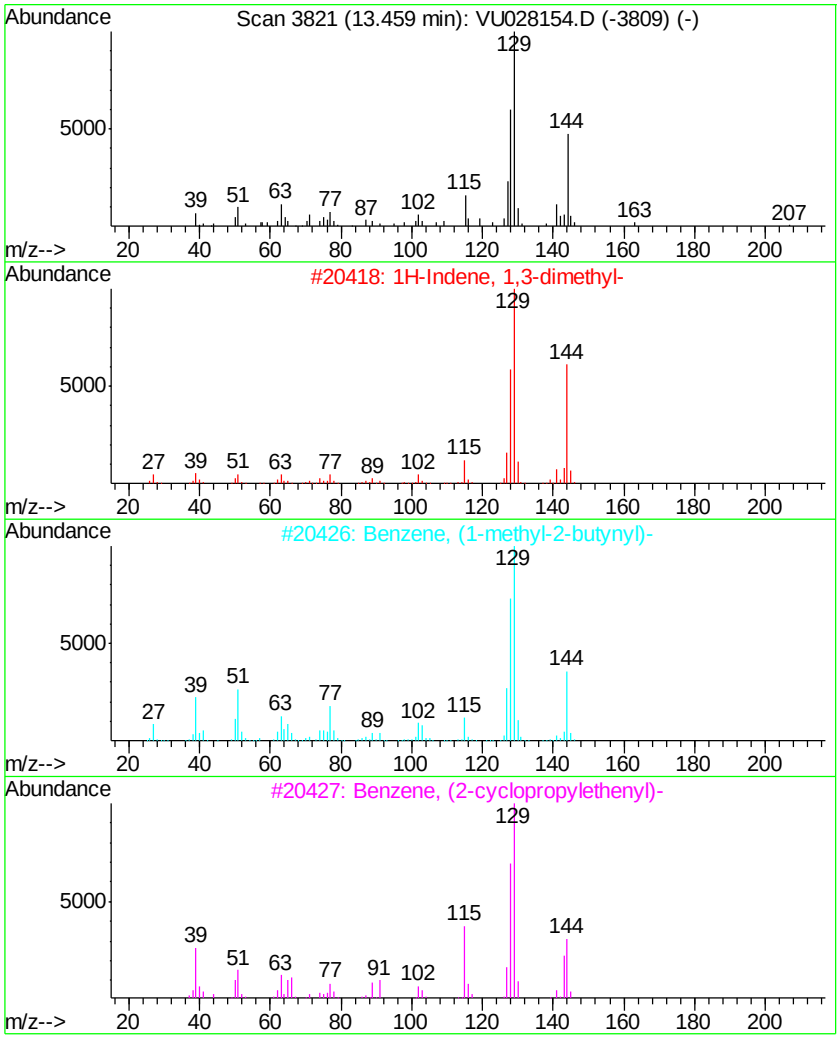
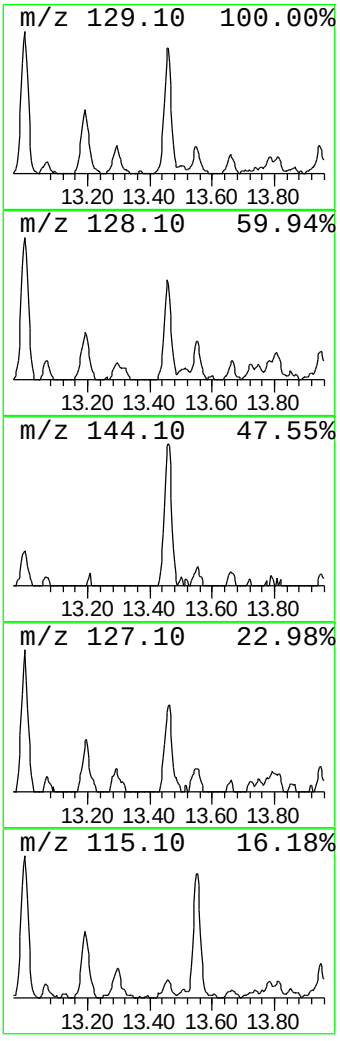
Peak Number 14 1H-Indene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	0.59 ug/L	45354	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	90
3	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	90
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
5	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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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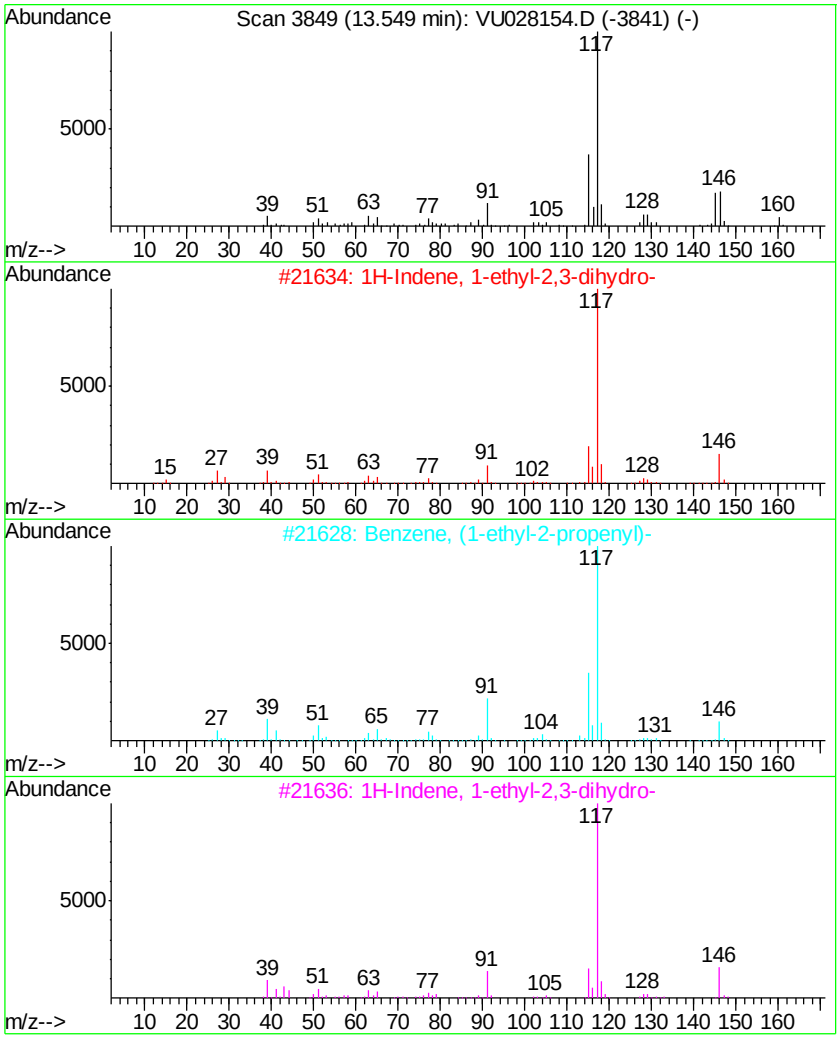
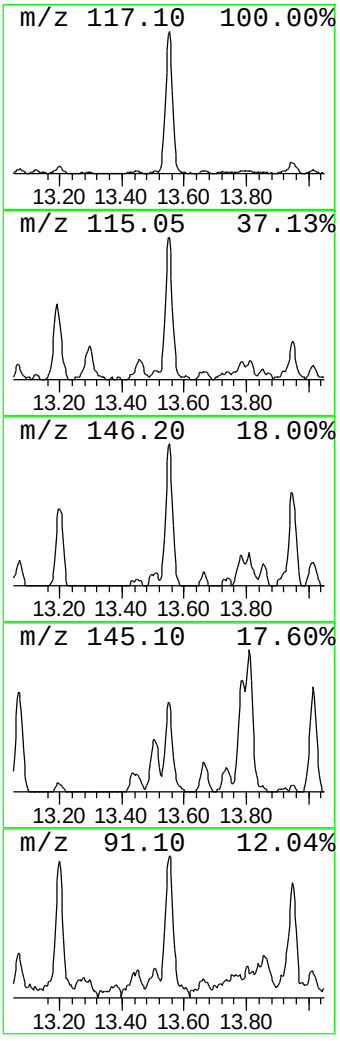
Peak Number 15 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	1.41 ug/L	109059	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	81
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	72
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	64
5	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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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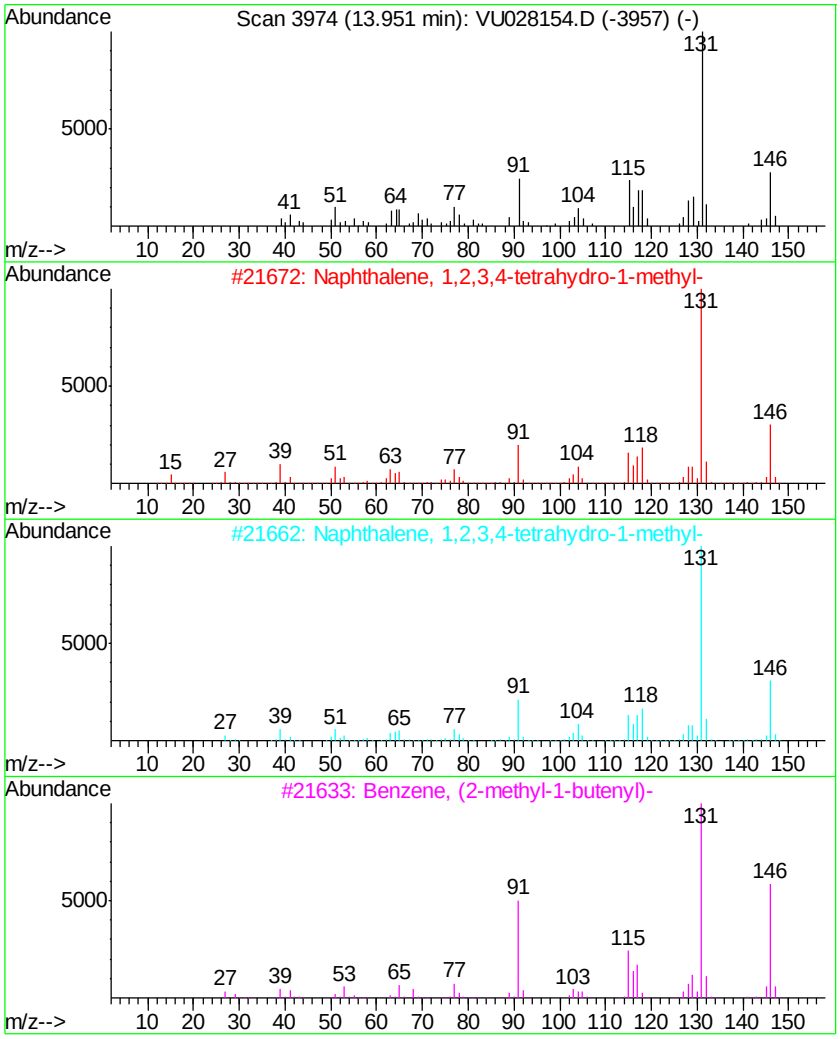
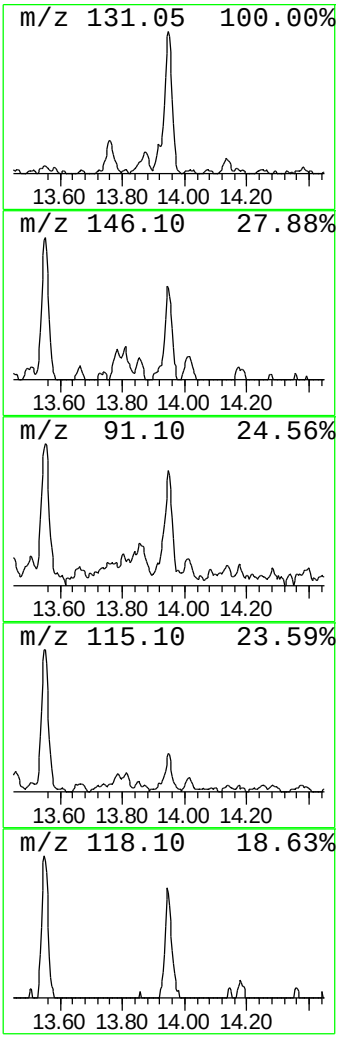
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	0.85 ug/L	65810	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
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\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN2

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	21.3	ug/L	1422900	1	5.89	333676	5.0
Thiourea	2.64	63.4	ug/L	4229130	1	5.89	333676	5.0
Disulfide, dimethyl	7.34	34.5	ug/L	2302530	1	5.89	333676	5.0
5,5-Dimethyl-1,3-...	8.10	0.7	ug/L	54333	2	9.09	401477	5.0
Pentalene, octahy...	9.36	0.6	ug/L	49013	2	9.09	401477	5.0
Dimethyl trisulfide	11.03	1.8	ug/L	134984	3	11.48	386060	5.0
2-Tolyloxirane	11.32	0.6	ug/L	44566	3	11.48	386060	5.0
1H-Indene, 2,3-di...	12.54	0.9	ug/L	67120	3	11.48	386060	5.0
1H-Indene, 2,3-di...	12.79	1.9	ug/L	145042	3	11.48	386060	5.0
2,2-Dimethylinden...	12.92	1.4	ug/L	108945	3	11.48	386060	5.0
1H-Indene, 2,3-di...	13.00	3.3	ug/L	253000	3	11.48	386060	5.0
Benzene, 2-etheny...	13.20	1.0	ug/L	78690	3	11.48	386060	5.0
1H-Indene, 1,3-di...	13.46	0.6	ug/L	45354	3	11.48	386060	5.0
1H-Indene, 1-ethy...	13.55	1.4	ug/L	109059	3	11.48	386060	5.0
Naphthalene, 1,2,...	13.95	0.8	ug/L	65810	3	11.48	386060	5.0