LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_R\METHODS\SOMRTR121718WMA.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	2.147	67	77	90	rBV	115487	303892	6.94%	1.074%
2	2.622	145	155	166	rBV	129987	353205	8.07%	1.248%
3	3.303	260	267	276	rBV2	75194	174465	3.99%	0.617%
4	3.601	306	316	329	rBV	328325	927145	21.19%	3.276%
5	6.582	797	806	818	rBV2	71649	236611	5.41%	0.836%
6	7.197	897	907	925	rVB	344317	901070	20.59%	3.184%
7	7.519	952	960	966	rBV6	23414	61836	1.41%	0.219%
8	7.854	1005	1015	1020	rBV	672573	1586314	36.25%	5.606%
9	8.456	1104	1114	1124	rBV	670492	1317851	30.11%	4.657%
10	8.900	1179	1187	1194	rBV	395150	798213	18.24%	2.821%
11	9.679	1310	1315	1326	rVB	141660	240781	5.50%	0.851%
12	9.971	1356	1363	1372	rBV	1037219	1661248	37.96%	5.870%
13	10.238	1401	1407	1412	rBV	79398	126365	2.89%	0.447%
14	10.311	1414	1419	1426	rVB6	26192	47842	1.09%	0.169%
15	10.409	1426	1435	1442	rBV9	17892	45754	1.05%	0.162%
16	10.591	1458	1465	1476	rBV	352371	577898	13.21%	2.042%
17	10.889	1509	1514	1520	rVB2	41352	62341	1.42%	0.220%
18	11.096	1542	1548	1559	rVB3	35050	80315	1.84%	0.284%
19	11.291	1573	1580	1588	rBV	923760	1448912	33.11%	5.120%
20	11.382	1591	1595	1599	rBV5	37667	67078	1.53%	0.237%
21	11.425	1599	1602	1606	rVB2	36341	50742	1.16%	0.179%
22	11.534	1614	1620	1627	rBV5	79776	194733	4.45%	0.688%
23	11.698	1642	1647	1653	rBV2	47651	76977	1.76%	0.272%
24	11.802	1656	1664	1669	rBV3	119947	275037	6.28%	0.972%
25	11.857	1669	1673	1677	rVB	56034	90825	2.08%	0.321%
26	11.966	1686	1691	1693	rBV2	49147	81901	1.87%	0.289%
27	12.003	1693	1697	1701	rVV2	116132	188705	4.31%	0.667%
28	12.057	1702	1706	1707	rVV3	38192	53641	1.23%	0.190%
29	12.082	1707	1710	1713	rVV2	72318	120270	2.75%	0.425%
30	12.130	1713	1718	1726	rVV	3130142	4376270	100.00%	15.465%
31	12.222	1730	1733	1737	rVB4	39434	58155	1.33%	0.206%
32	12.289	1737	1744	1749	rBV7	24423	63461	1.45%	0.224%
33	12.362	1749	1756	1762	rBV3	235716	426677	9.75%	1.508%
34	12.471	1762	1774	1782	rBV	2849726	4204242	96.07%	14.857%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_R\METHODS\SOMRTR121718WMA.M
Title : TRACE VOA SOM01.0

35	12.605	1791	1796	1802	rVB7	61476	130367	2.98%	0.461%
36	12.842	1829	1835	1837	rBV2	87095	142696	3.26%	0.504%
37	12.873	1837	1840	1845	rVB2	102280	152481	3.48%	0.539%
38	13.049	1863	1869	1873	rBV2	150327	328121	7.50%	1.159%
39	13.225	1892	1898	1905	rBV	772190	1168701	26.71%	4.130%
40	13.323	1910	1914	1920	rBV2	46915	78906	1.80%	0.279%
41	13.396	1920	1926	1928	rBV	794147	1180259	26.97%	4.171%
42	13.420	1928	1930	1935	rVB	872321	1085241	24.80%	3.835%
43	13.475	1935	1939	1941	rBV	154851	191514	4.38%	0.677%
44	13.517	1941	1946	1949	rBV	558261	833117	19.04%	2.944%
45	13.767	1981	1987	1992	rBV	672767	887543	20.28%	3.136%
46	13.828	1992	1997	1999	rVV3	37442	54280	1.24%	0.192%
47	13.870	1999	2004	2009	rVV2	131263	213658	4.88%	0.755%
48	13.913	2009	2011	2016	rVB2	55886	67744	1.55%	0.239%
49	14.010	2021	2027	2031	rVV	81473	122480	2.80%	0.433%
50	14.089	2031	2040	2046	rVB2	136798	269883	6.17%	0.954%
51	14.466	2097	2102	2109	rVB2	59004	110878	2.53%	0.392%

Sum of corrected areas: 28298641

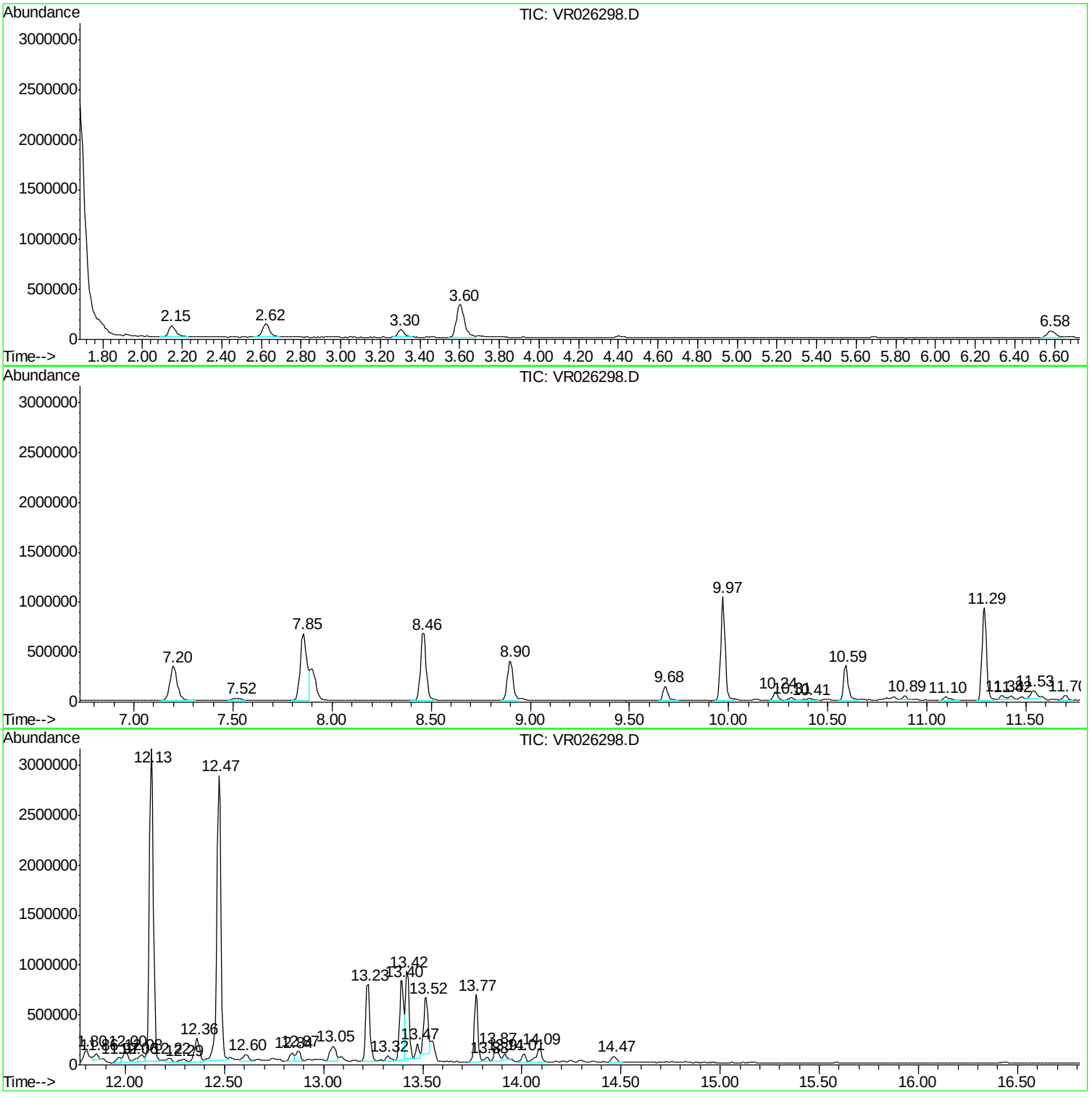
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.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_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

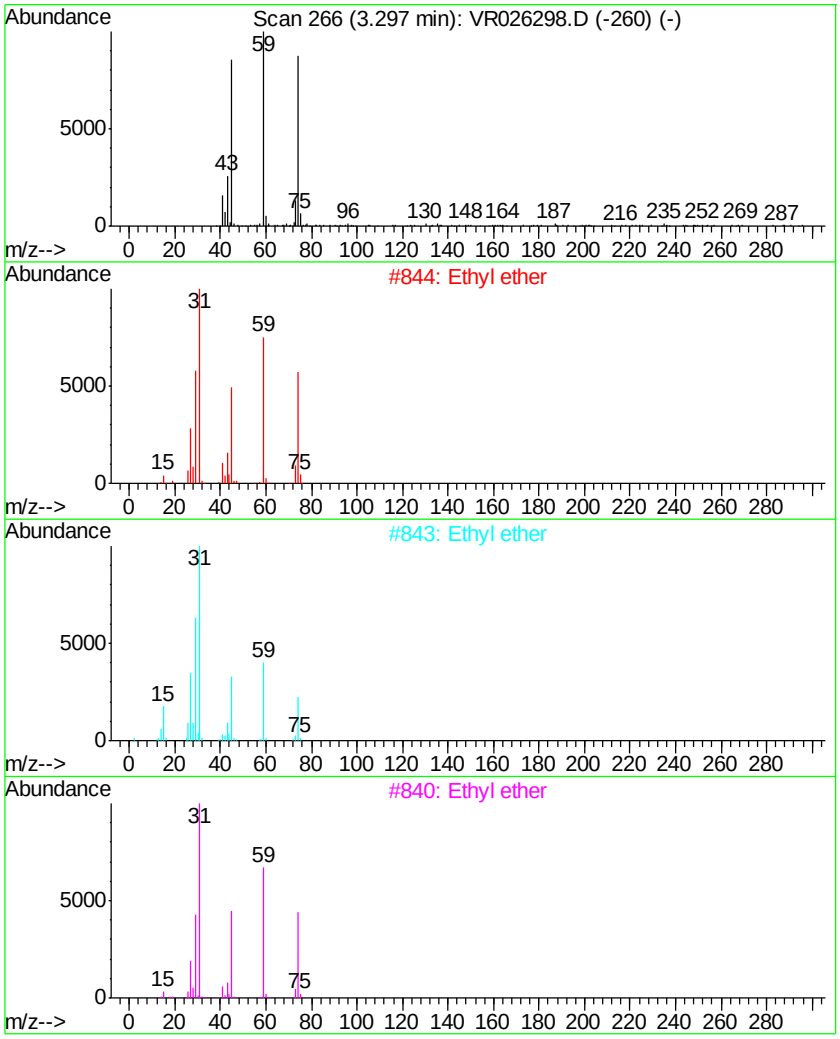
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

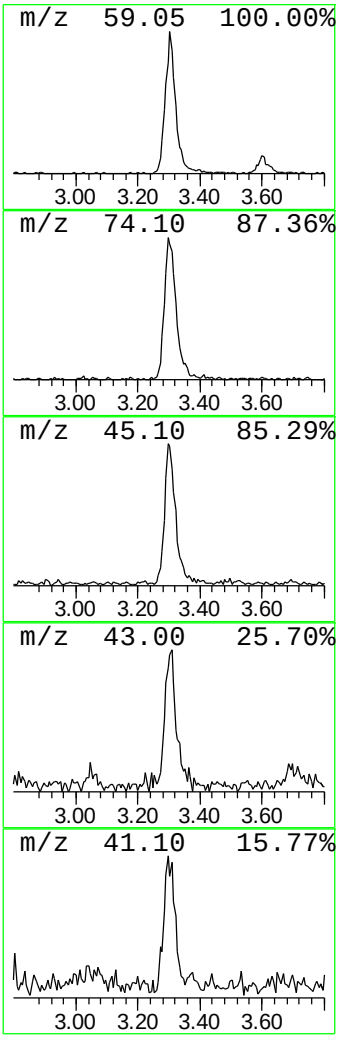
****

Peak Number 1 Ethyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	0.66 ug/L	174465	1,4-Difluorobenzene	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	83
5	Ethyl ether	74	C4H10O	000060-29-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

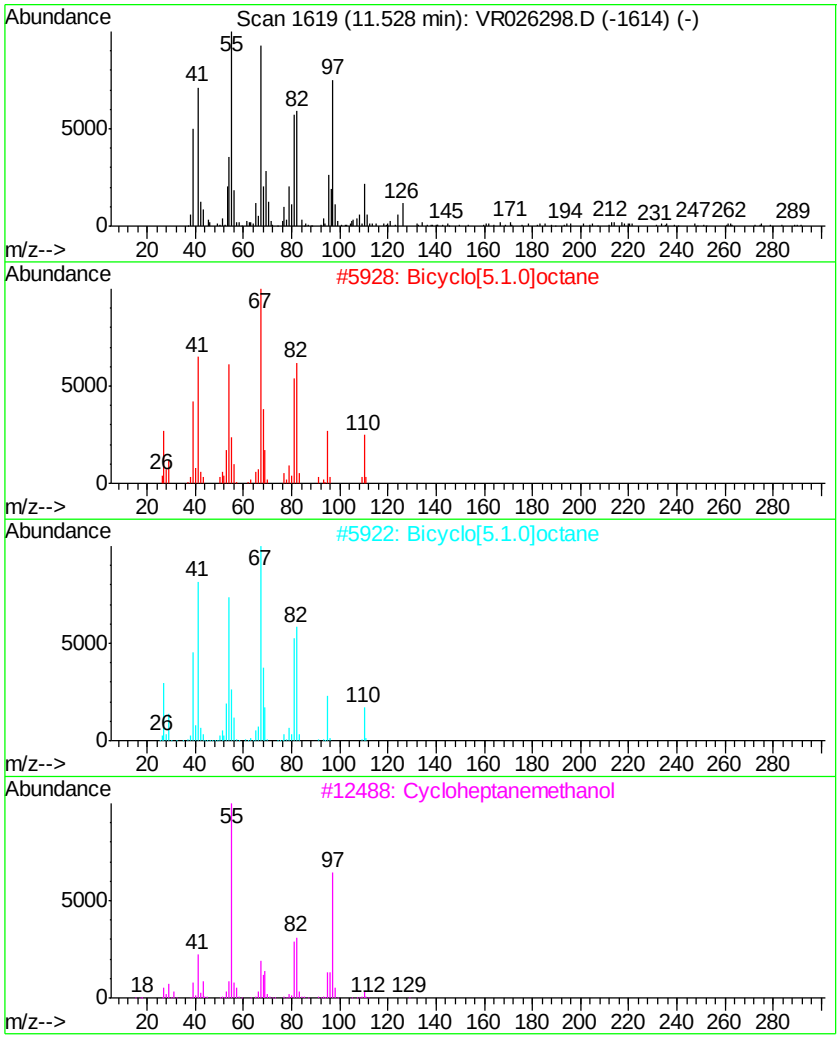
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

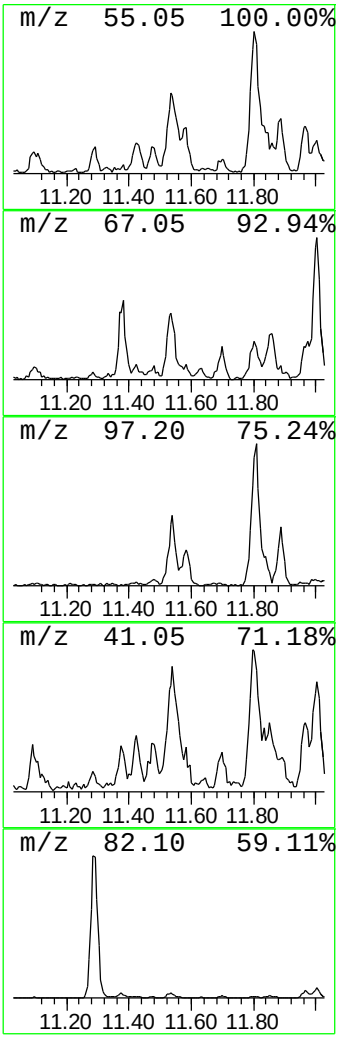
****

Peak Number 3 Bicyclo[5.1.0]octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	0.67 ug/L	194733	Chlorobenzene-d5	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.1.0]octane	110	C8H14	000286-43-1	55
2	Bicyclo[5.1.0]octane	110	C8H14	000286-43-1	55
3	Cycloheptanemethanol	128	C8H16O	004448-75-3	52
4	Cyclooctene	110	C8H14	000931-88-4	43
5	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

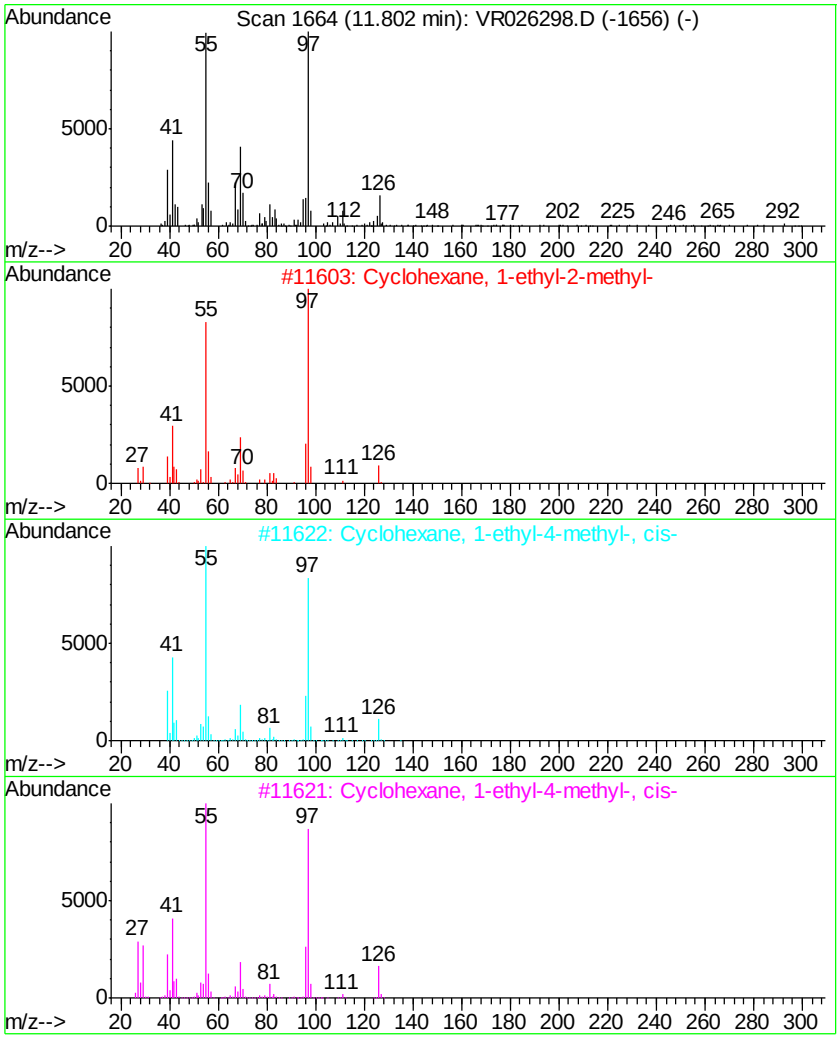
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

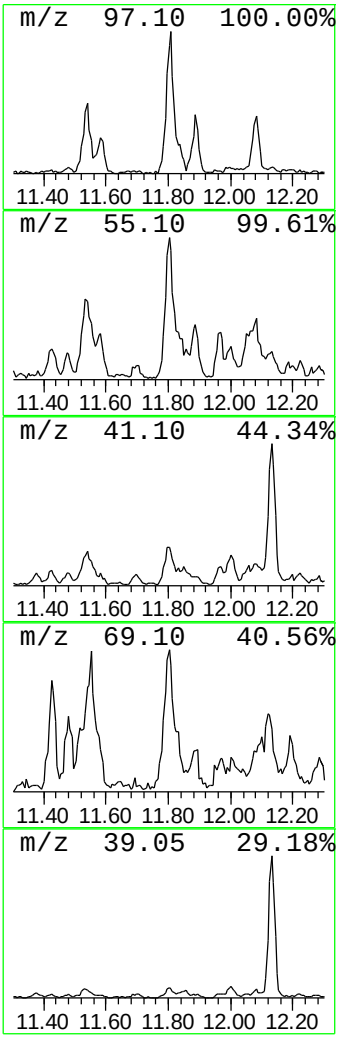
****

Peak Number 4 (DEL) Alkane: Cyclic11.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	0.95 ug/L	275037	Chlorobenzene-d5	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	58
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

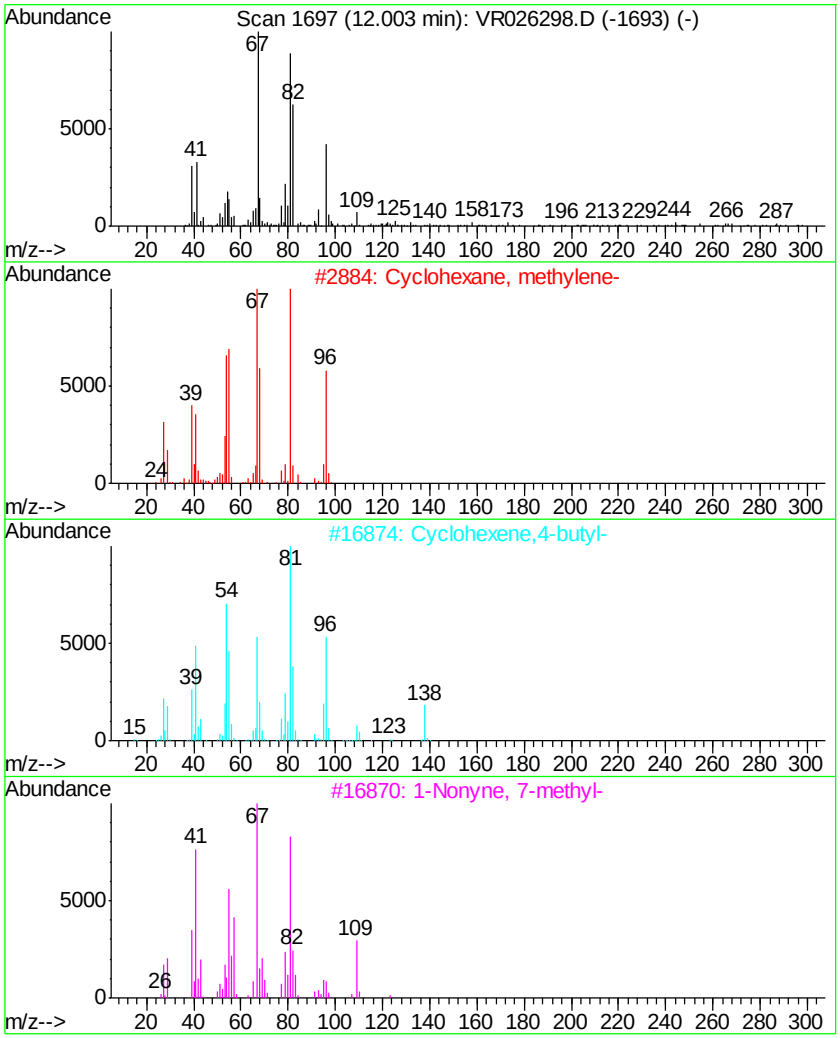
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

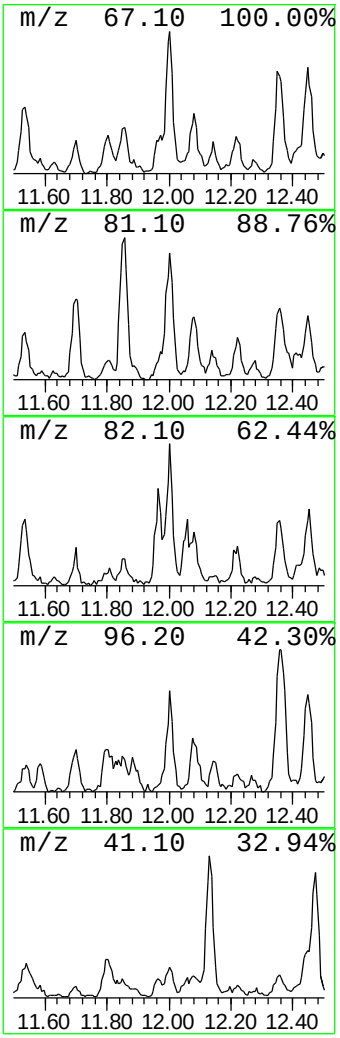
****

Peak Number 5 Cyclohexane, methylene- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	0.65 ug/L	188705	Chlorobenzene-d5	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methylene-	96	C7H12	001192-37-6	58
2	Cyclohexene,4-butyl-	138	C10H18	021524-26-5	50
3	1-Nonyne, 7-methyl-	138	C10H18	071566-65-9	47
4	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	46
5	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

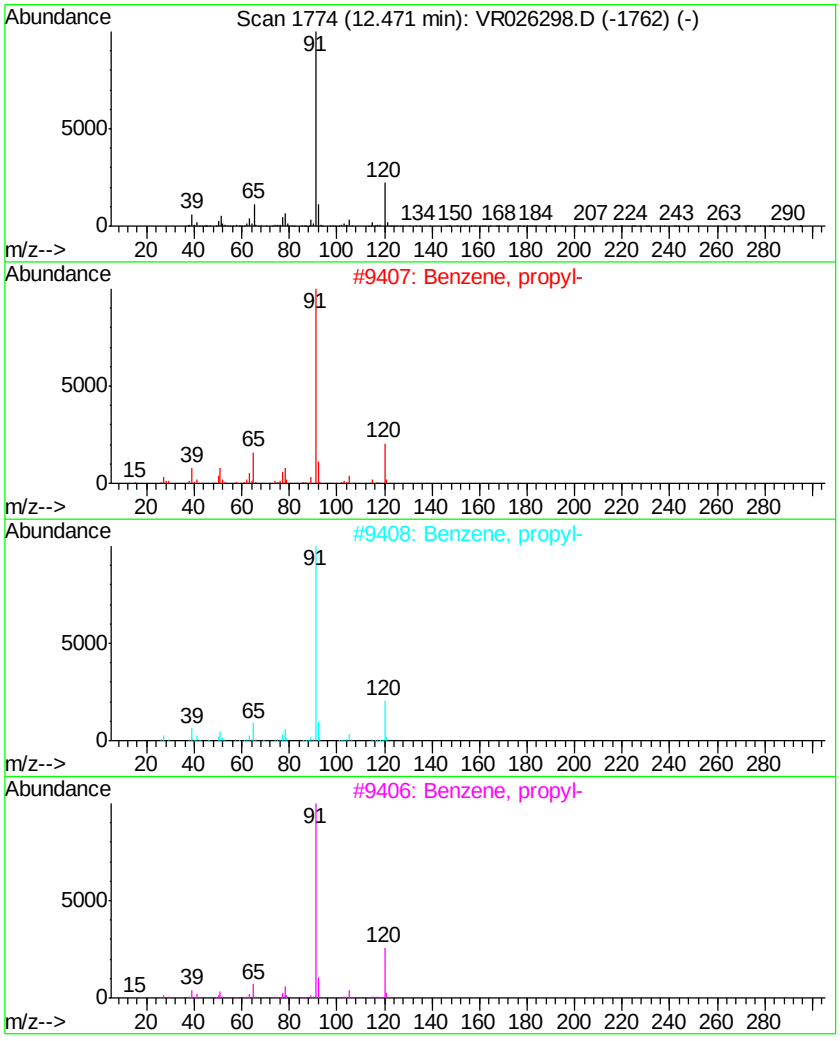
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

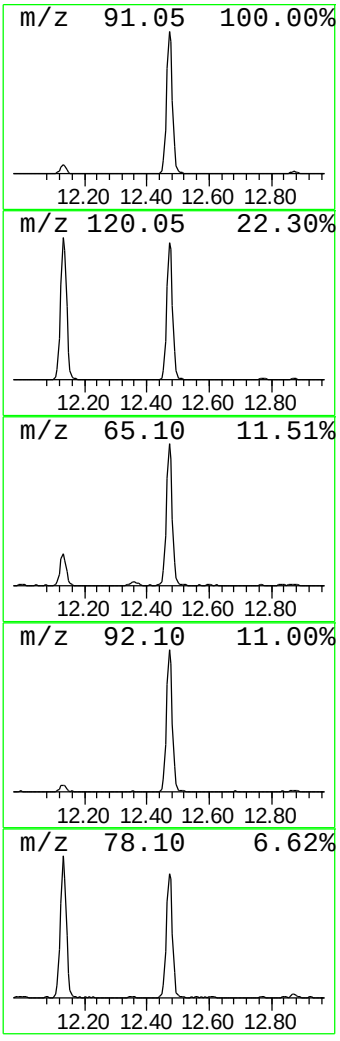
****

Peak Number 6 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	17.99 ug/L	4204240	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

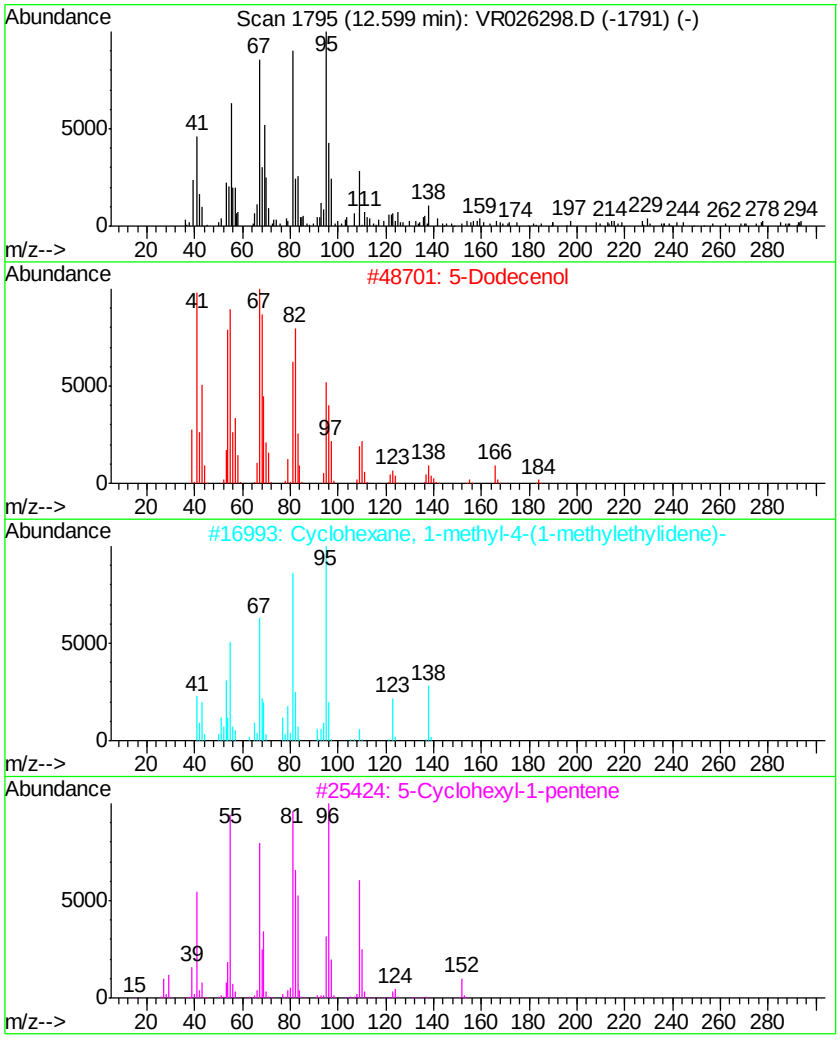
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

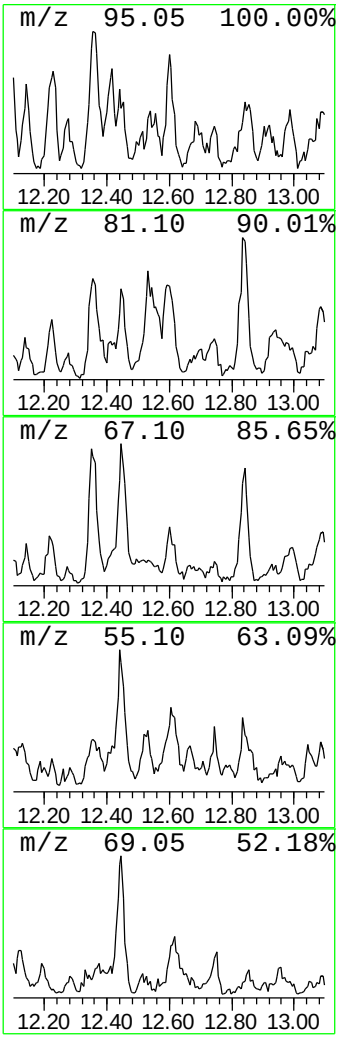
****

Peak Number 7 5-Dodecenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	0.56 ug/L	130367	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Dodecenol	184	C12H24O	062936-12-3	55
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	50
3	5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	46
4	Spiro[2.3]hexan-5-one, 4,4-diethyl-	152	C10H16O	1000154-16-2	46
5	1H-Inden-1-one, octahydro-	138	C9H14O	029927-85-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

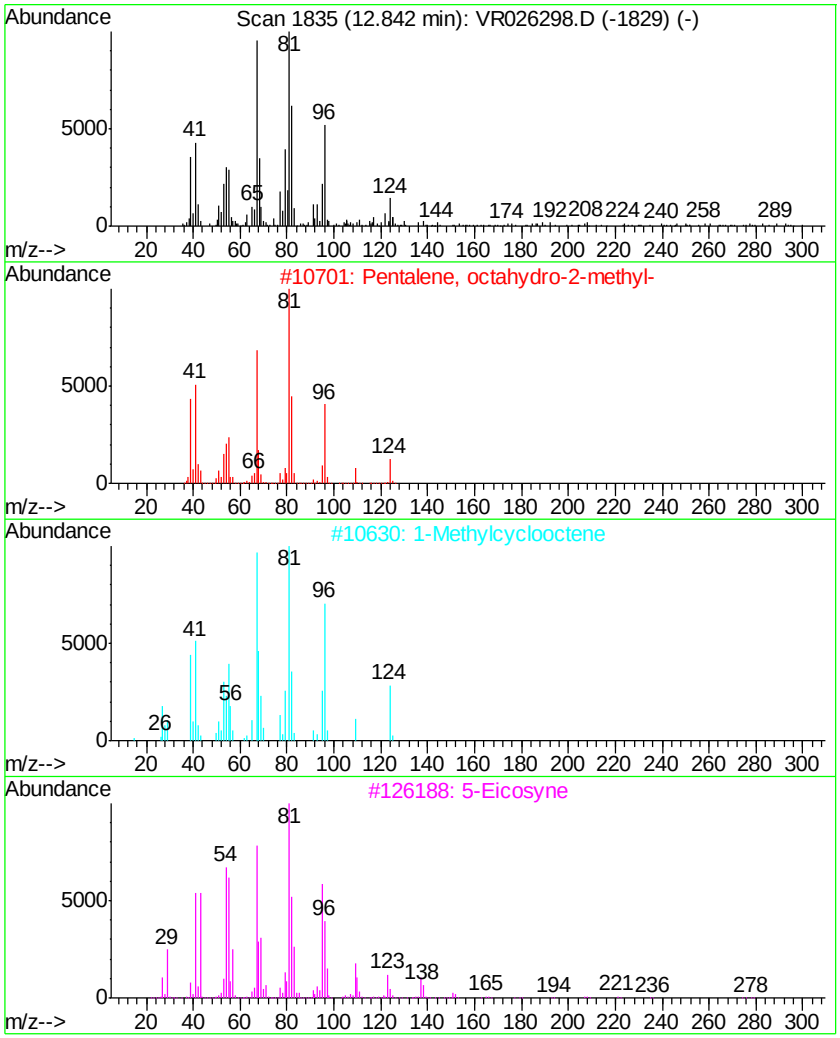
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

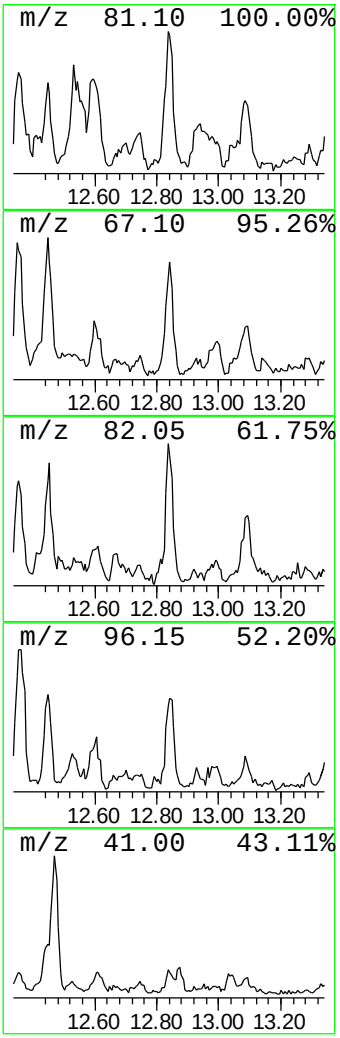
****

Peak Number 8 Pentalene, octahydro-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	0.61 ug/L	142696	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	81
2	1-Methylcyclooctene	124	C9H16	000933-11-9	81
3	5-Eicosyne	278	C20H38	074685-31-7	72
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	68
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

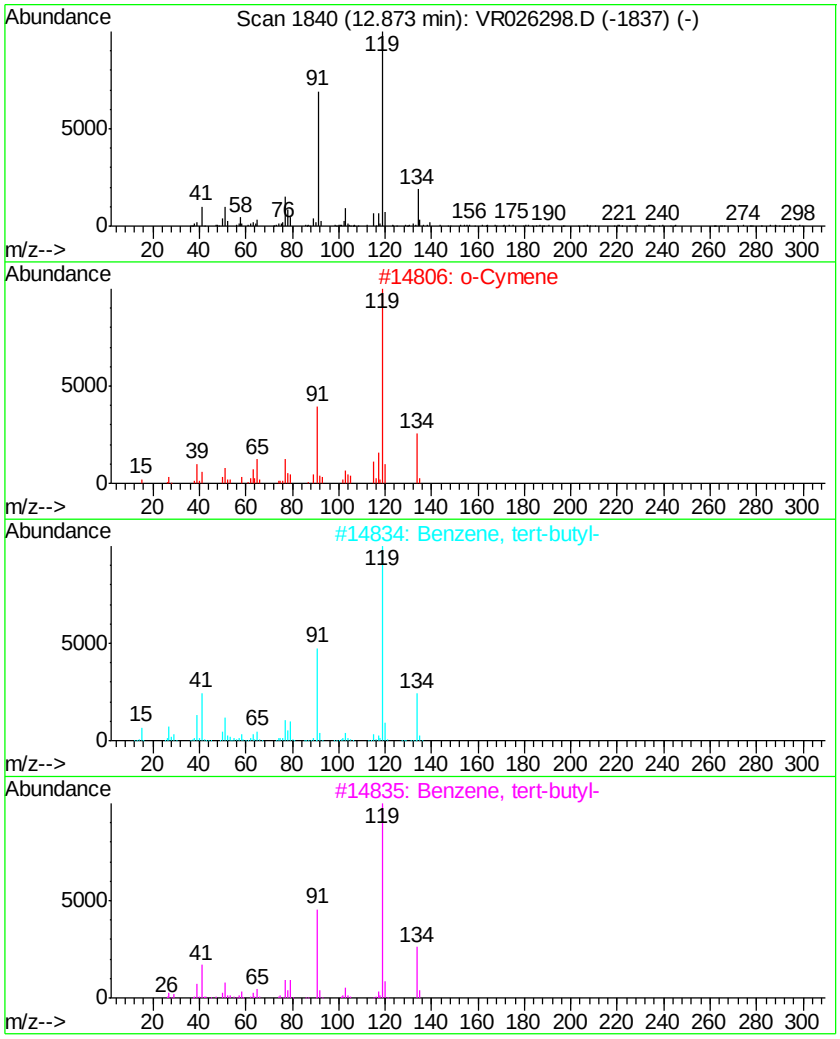
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

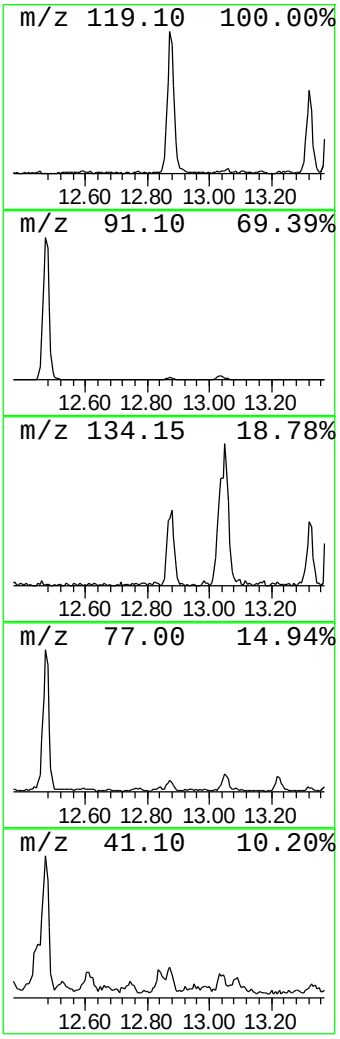
****

Peak Number 9 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	0.65 ug/L	152481	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	83
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	80
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	80
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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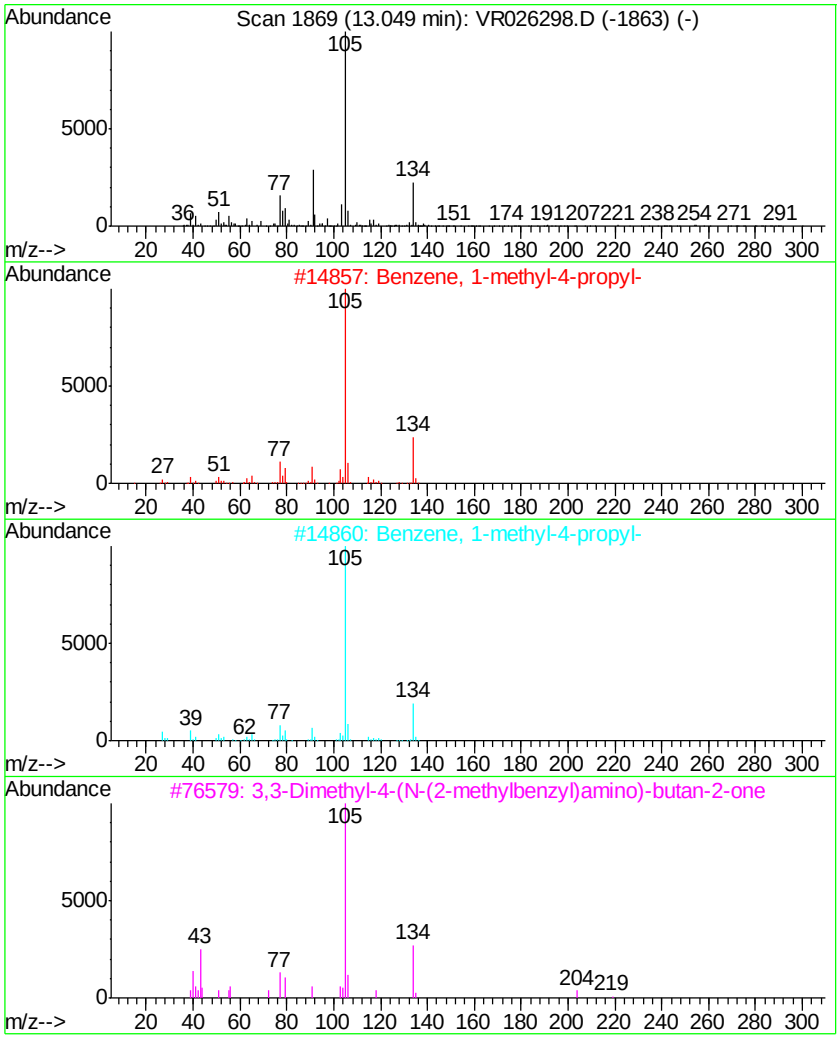
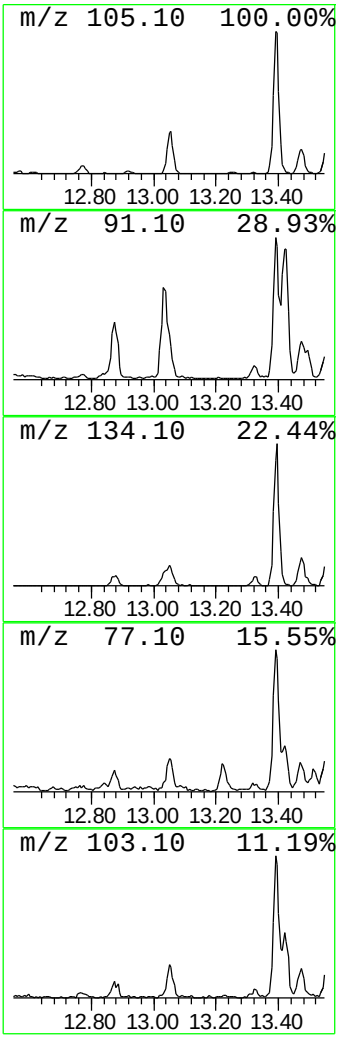
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	1.40 ug/L	328121	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3	3,3-Dimethyl-4-(N-(2-methylbenzy...	219	C14H21NO	1000145-29-4	59
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	59
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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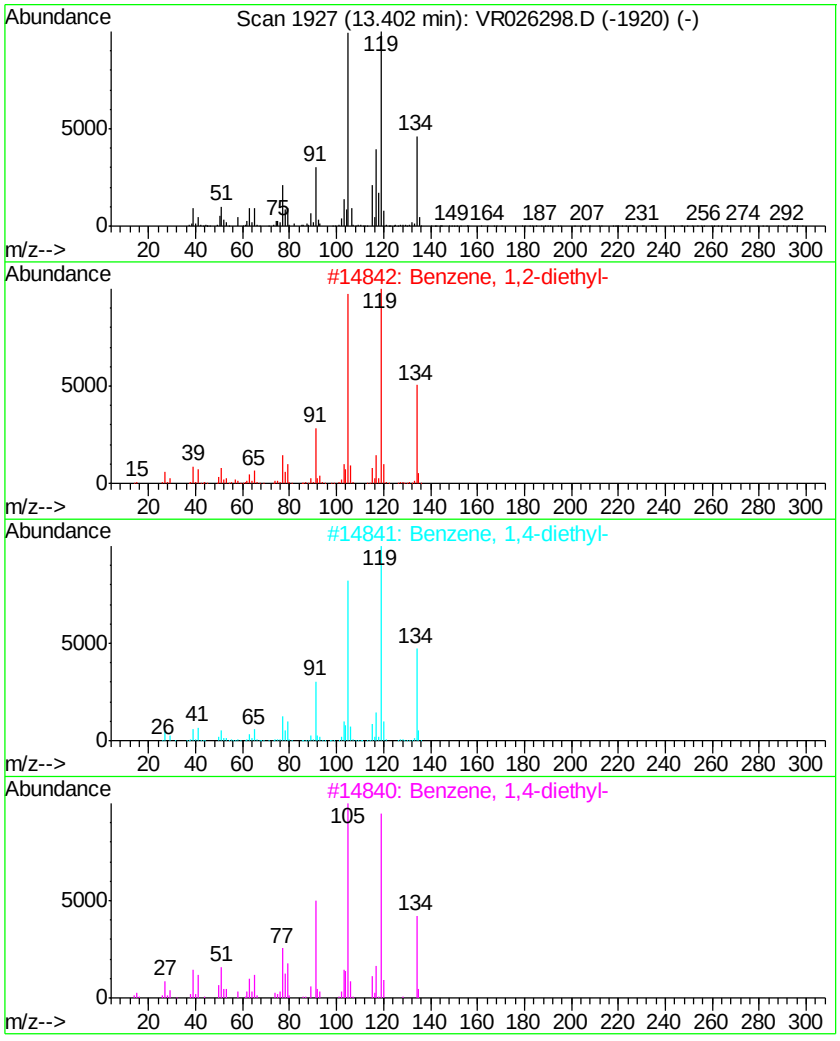
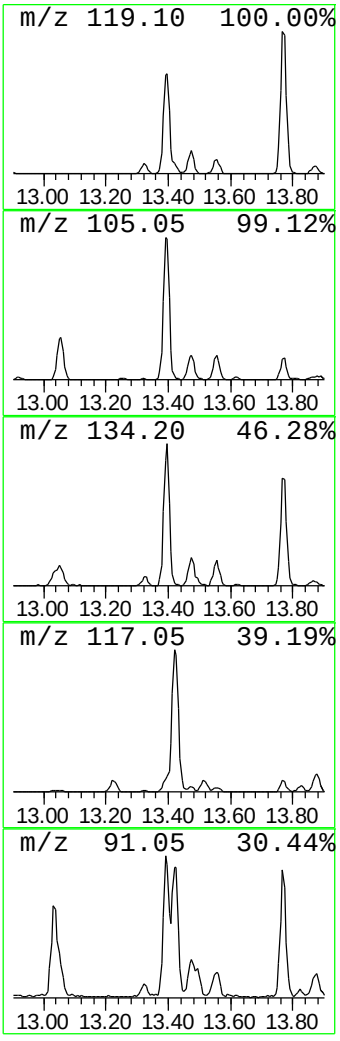
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	5.05 ug/L	1180260	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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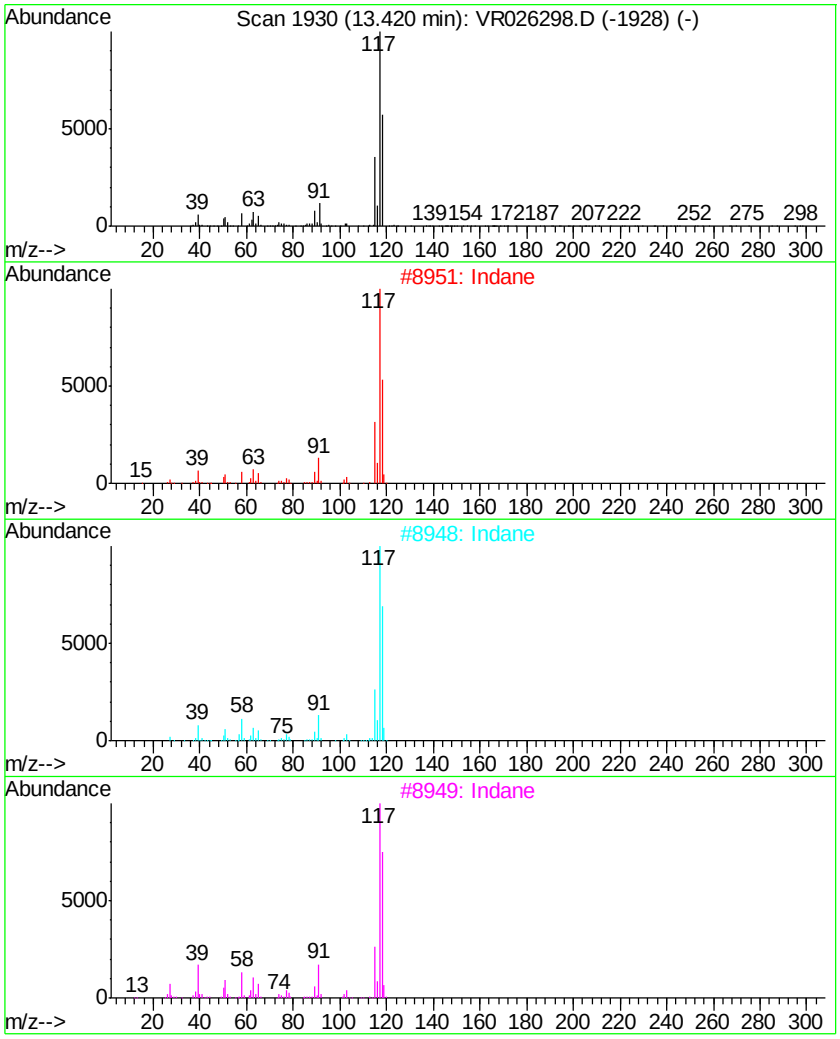
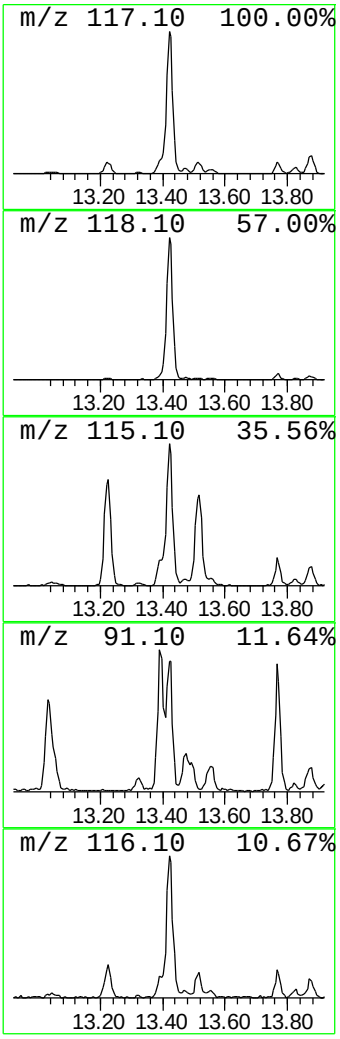
Peak Number 12 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.64 ug/L	1085240	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	80
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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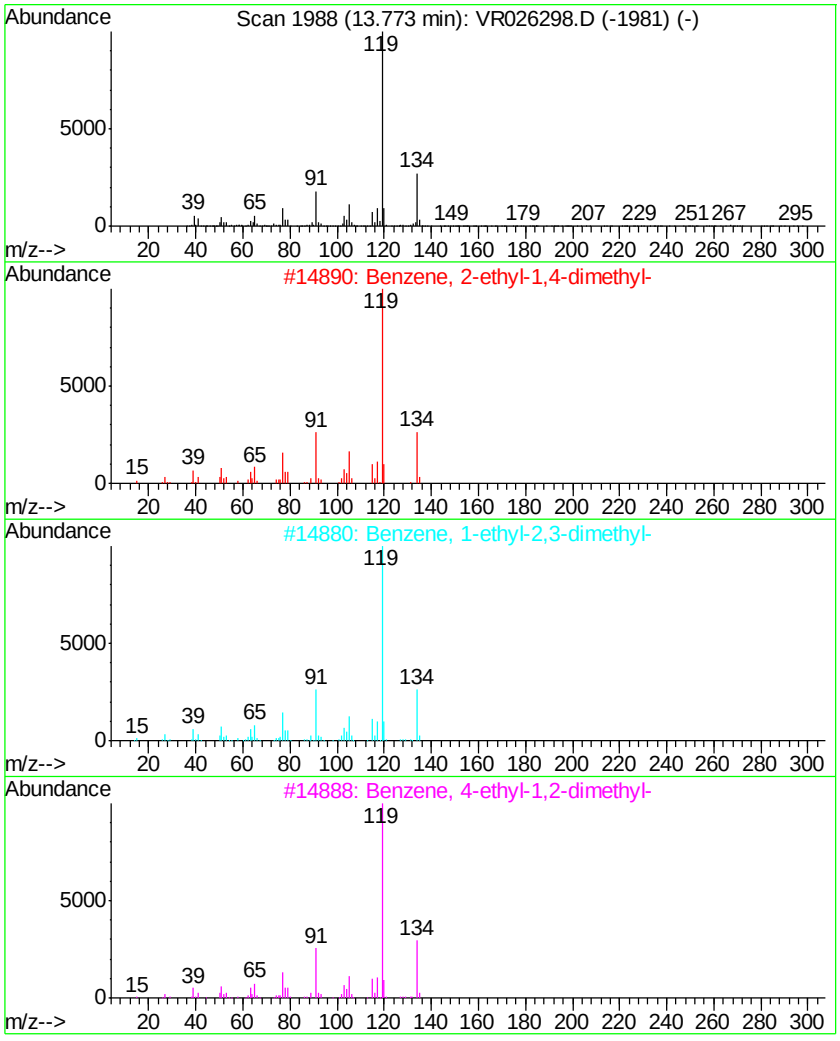
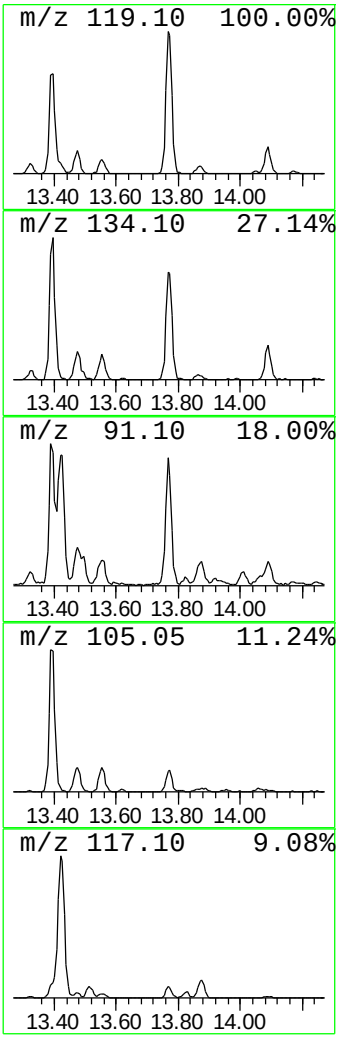
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.80 ug/L	887543	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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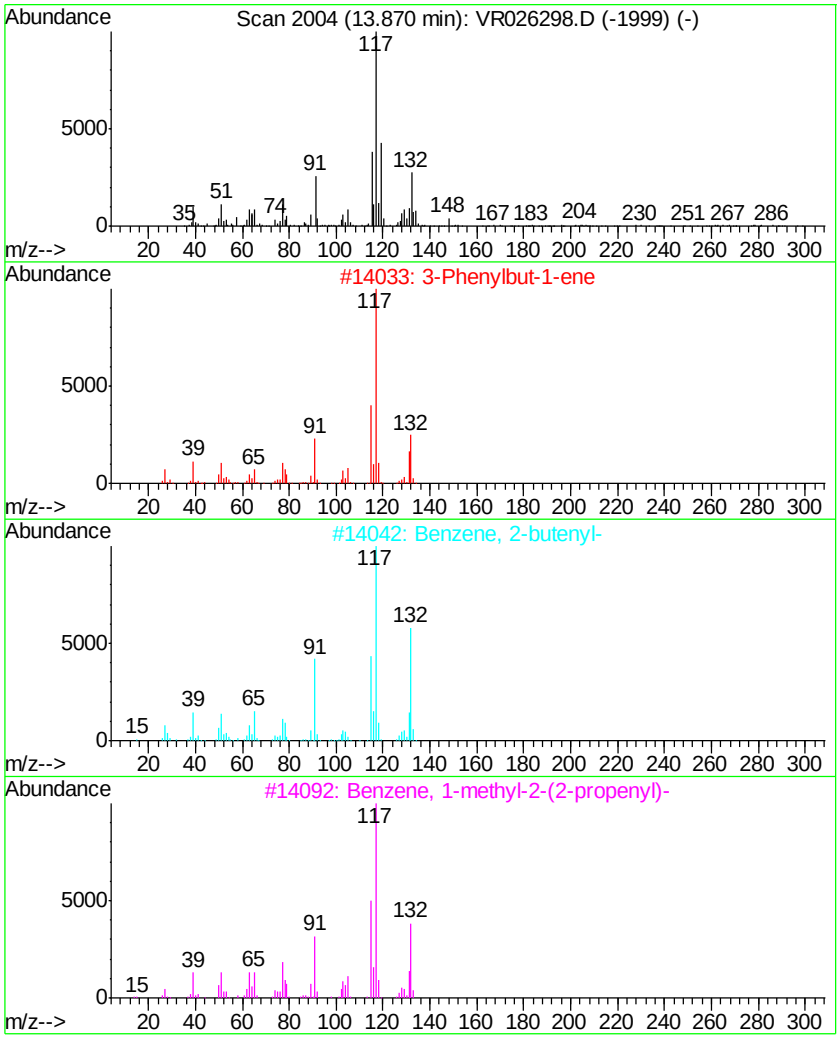
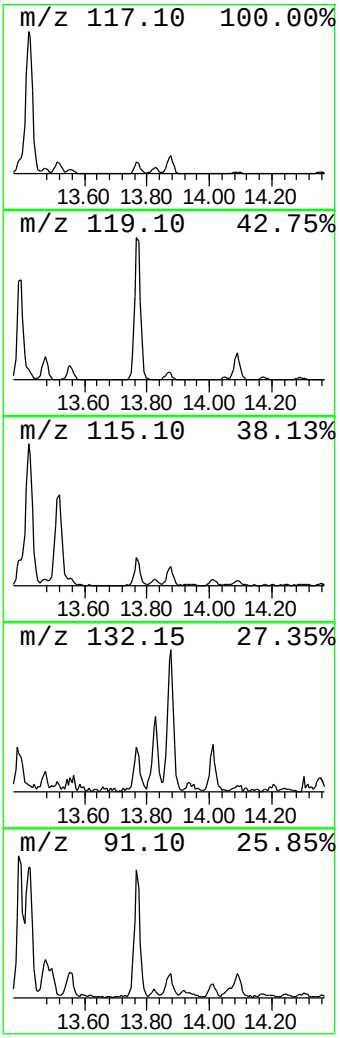
Peak Number 14 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	0.91 ug/L	213658	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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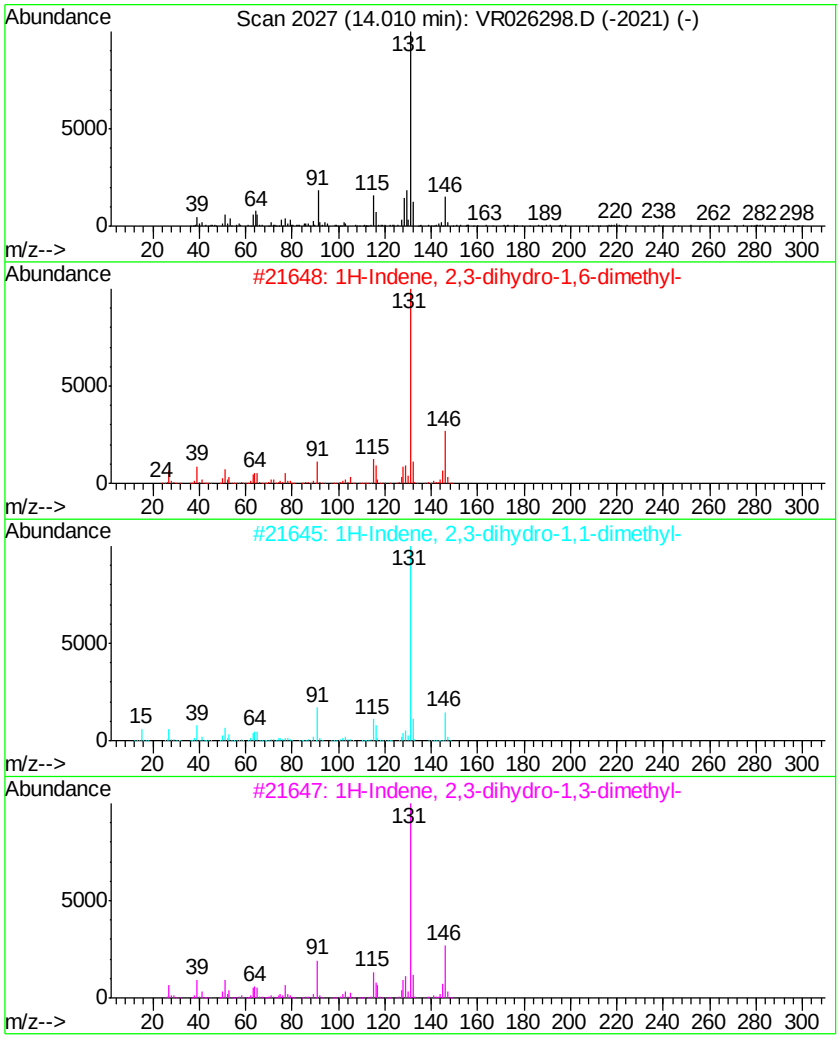
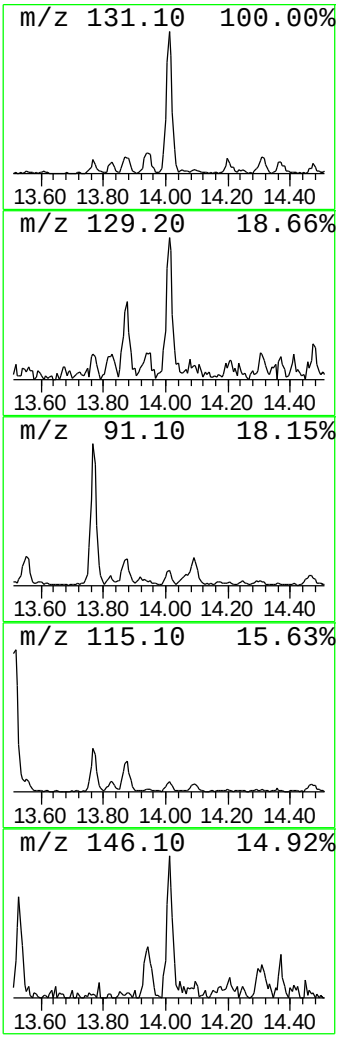
Peak Number 15 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	0.52 ug/L	122480	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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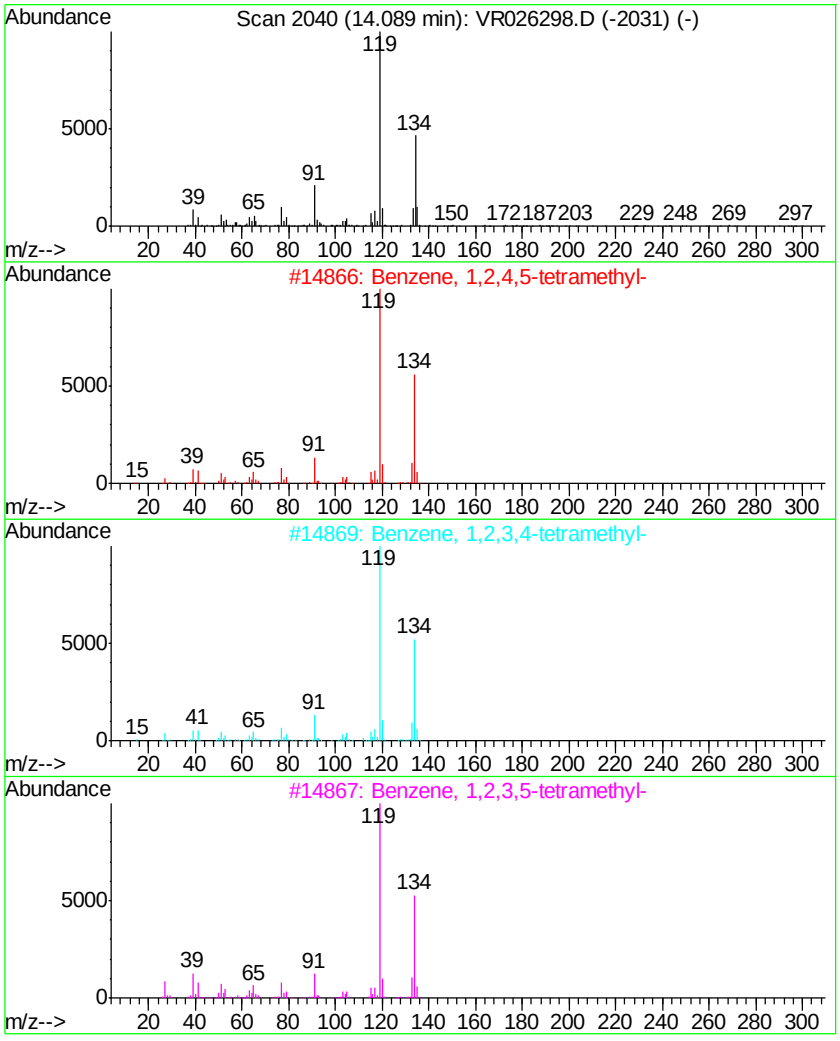
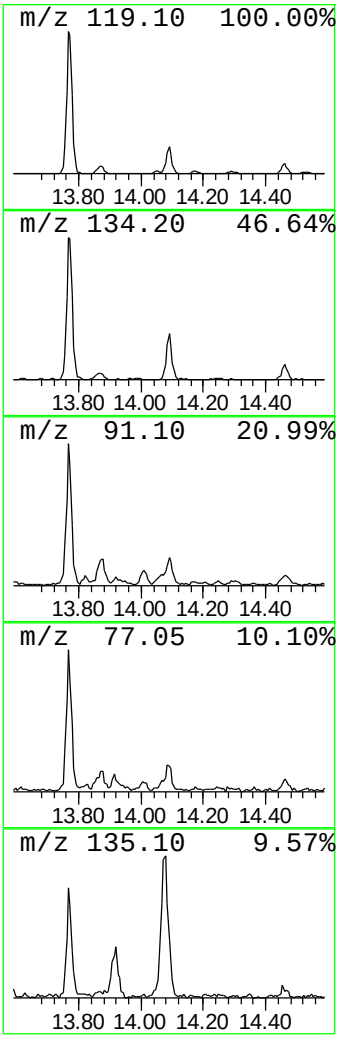
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	1.15 ug/L	269883	1,4-Dichlorobenzene-d4	13.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.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 ether	3.30	0.7	ug/L	174465	1	8.46	1317850	5.0
Bicyclo[5.1.0]octane	11.53	0.7	ug/L	194733	2	11.29	1448910	5.0
(DEL) Alkane: Cyc...	11.80	0.9	ug/L	275037	2	11.29	1448910	5.0
Cyclohexane, meth...	12.00	0.7	ug/L	188705	2	11.29	1448910	5.0
Benzene, propyl-	12.47	18.0	ug/L	4204240	3	13.23	1168700	5.0
5-Dodecenol	12.60	0.6	ug/L	130367	3	13.23	1168700	5.0
Pentalene, octahy...	12.84	0.6	ug/L	142696	3	13.23	1168700	5.0
o-Cymene	12.87	0.7	ug/L	152481	3	13.23	1168700	5.0
Benzene, 1-methyl...	13.05	1.4	ug/L	328121	3	13.23	1168700	5.0
Benzene, 1,2-diet...	13.40	5.0	ug/L	1180260	3	13.23	1168700	5.0
Indane	13.42	4.6	ug/L	1085240	3	13.23	1168700	5.0
Benzene, 2-ethyl-...	13.77	3.8	ug/L	887543	3	13.23	1168700	5.0
3-Phenylbut-1-ene	13.87	0.9	ug/L	213658	3	13.23	1168700	5.0
1H-Indene, 2,3-di...	14.01	0.5	ug/L	122480	3	13.23	1168700	5.0
Benzene, 1,2,4,5-...	14.09	1.1	ug/L	269883	3	13.23	1168700	5.0