LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
Sample : N1425-03 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31377

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_X\Method\82X020822W.M
Title : SW846 8260

Signal : TIC: VX026872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.453	56	60	76	rBV	839742	950252	100.00%	15.880%
2	2.087	154	164	175	rBV	18418	56247	5.92%	0.940%
3	2.386	203	213	223	rBV	13123	22547	2.37%	0.377%
4	5.391	694	706	717	rBV	73841	212676	22.38%	3.554%
5	5.556	722	733	749	rVB	131921	369734	38.91%	6.179%
6	5.958	789	799	808	rBV	82017	216780	22.81%	3.623%
7	6.044	810	813	823	rVB2	4612	9789	1.03%	0.164%
8	6.763	921	931	946	rBV	202295	479480	50.46%	8.013%
9	7.385	1022	1033	1040	rBV4	4798	10832	1.14%	0.181%
10	8.653	1234	1241	1247	rBV	404315	636576	66.99%	10.638%
11	8.720	1247	1252	1258	rVB	76664	116837	12.30%	1.953%
12	10.055	1465	1471	1480	rVB	419435	555934	58.50%	9.290%
13	10.195	1486	1494	1499	rBV	38376	49009	5.16%	0.819%
14	10.299	1504	1511	1518	rVV	110475	171934	18.09%	2.873%
15	10.640	1562	1567	1578	rVB	64755	87652	9.22%	1.465%
16	11.079	1634	1639	1652	rVB	323785	419182	44.11%	7.005%
17	11.305	1670	1676	1680	rBV	17044	20612	2.17%	0.344%
18	11.378	1684	1688	1695	rBV	56124	96395	10.14%	1.611%
19	11.451	1696	1700	1704	rBV	22033	28317	2.98%	0.473%
20	11.616	1722	1727	1735	rVB	35651	45708	4.81%	0.764%
21	11.756	1745	1750	1760	rVB	97452	125924	13.25%	2.104%
22	12.024	1789	1794	1800	rVB	401806	495661	52.16%	8.283%
23	12.085	1800	1804	1810	rBV	37637	49093	5.17%	0.820%
24	12.244	1822	1830	1833	rBV3	39930	60521	6.37%	1.011%
25	12.268	1833	1834	1838	rVV	20824	17140	1.80%	0.286%
26	12.317	1838	1842	1851	rVB3	30972	51586	5.43%	0.862%
27	12.421	1851	1859	1863	rBV3	5461	11483	1.21%	0.192%
28	12.463	1863	1866	1872	rVB	13595	16259	1.71%	0.272%
29	12.530	1872	1877	1879	rBV	13954	18080	1.90%	0.302%
30	12.555	1879	1881	1885	rVB	14294	15584	1.64%	0.260%
31	12.616	1885	1891	1894	rBV	19456	23446	2.47%	0.392%
32	12.701	1900	1905	1913	rBV3	17448	35094	3.69%	0.586%
33	12.920	1938	1941	1945	rVV	10518	14211	1.50%	0.237%
34	12.963	1945	1948	1955	rVB	17879	23547	2.48%	0.394%
35	13.170	1974	1982	1986	rBV2	24843	37355	3.93%	0.624%
36	13.292	1998	2002	2007	rVB2	53595	70173	7.38%	1.173%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
Sample : N1425-03 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31377

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_X\Method\82X020822W.M
Title : SW846 8260

37	13.426	2019	2024	2032	rVB	44627	61040	6.42%	1.020%
38	13.542	2040	2043	2046	rBV	7910	9518	1.00%	0.159%
39	13.585	2046	2050	2055	rBV2	10457	16689	1.76%	0.279%
40	13.664	2060	2063	2069	rVB2	11322	16595	1.75%	0.277%
41	13.780	2078	2082	2088	rVB	7825	12415	1.31%	0.207%
42	13.853	2088	2094	2099	rVB	17396	24451	2.57%	0.409%
43	13.926	2099	2106	2111	rBV3	16878	25997	2.74%	0.434%
44	14.079	2127	2131	2134	rBV2	11803	13942	1.47%	0.233%
45	14.231	2148	2156	2162	rBV	40265	64240	6.76%	1.074%
46	14.378	2175	2180	2183	rVB	10682	13275	1.40%	0.222%
47	14.481	2192	2197	2203	rBV3	25848	33977	3.58%	0.568%
48	14.615	2215	2219	2221	rBV2	15125	20295	2.14%	0.339%
49	14.640	2221	2223	2226	rVV2	14278	16847	1.77%	0.282%
50	14.676	2226	2229	2234	rVB	8962	11683	1.23%	0.195%
51	15.188	2304	2313	2320	rBV2	10285	21346	2.25%	0.357%

Sum of corrected areas: 5983960

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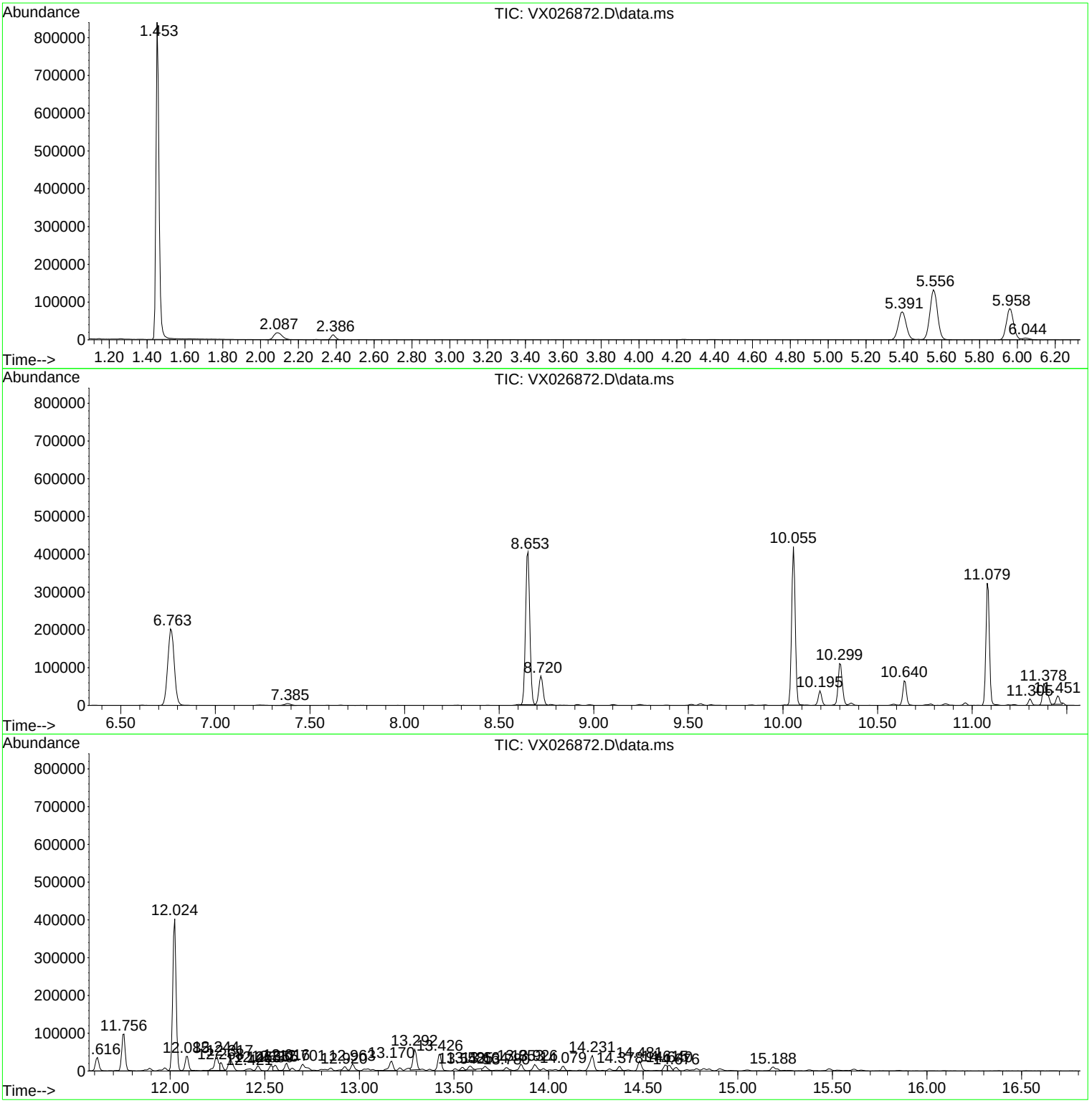
ClientSampleId :
31377

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
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Instrument :
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ClientSampleId :
31377

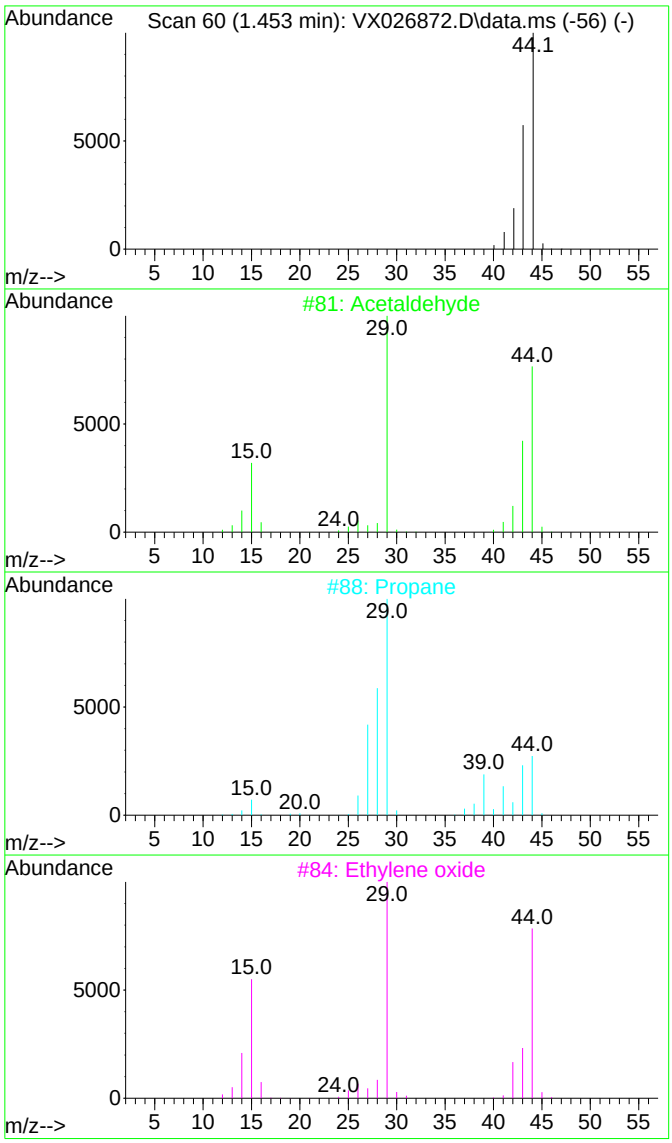
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

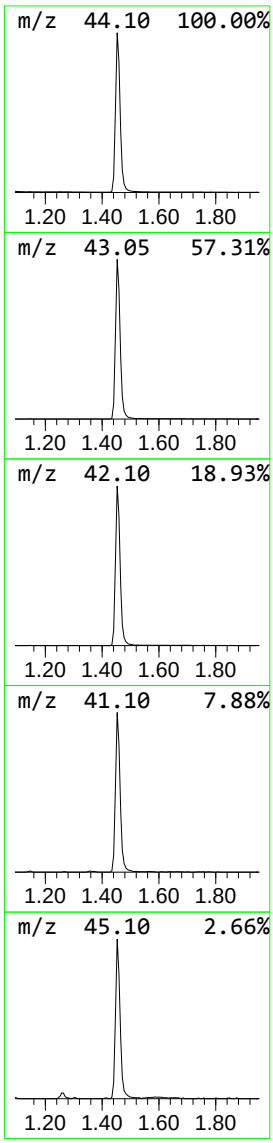
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.453	128.51 ug/l	950252	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Propane	44	C3H8	000074-98-6	5
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Alanine	89	C3H7NO2	000056-41-7	4
5	Hydrogen isocyanate	43	CHNO	000075-13-8	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31377

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

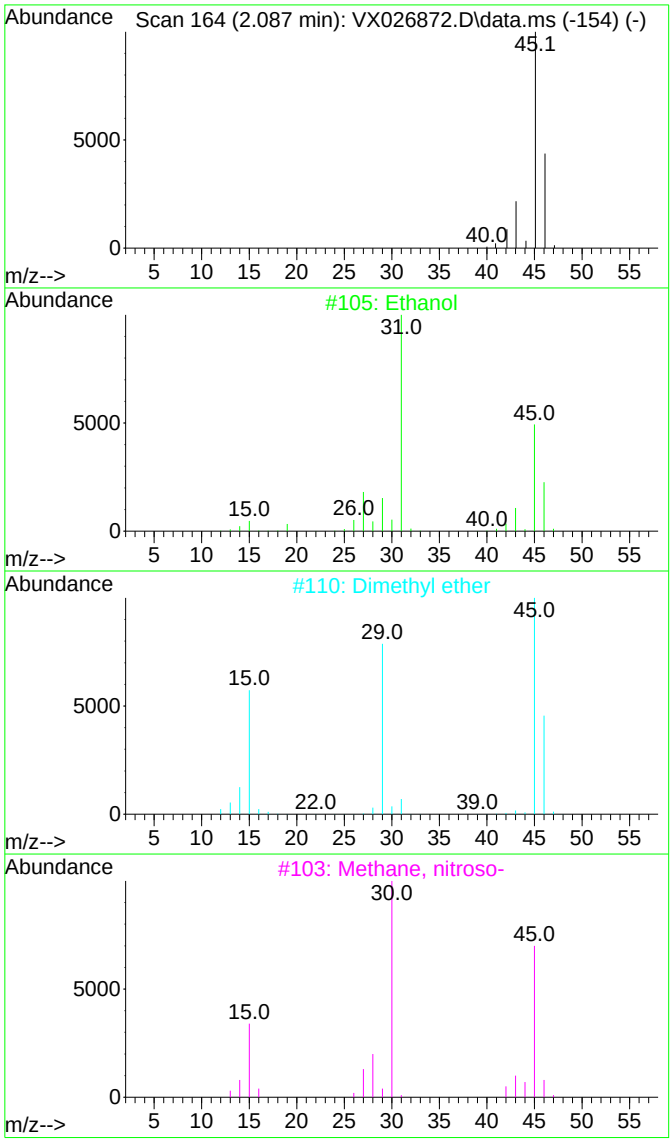
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

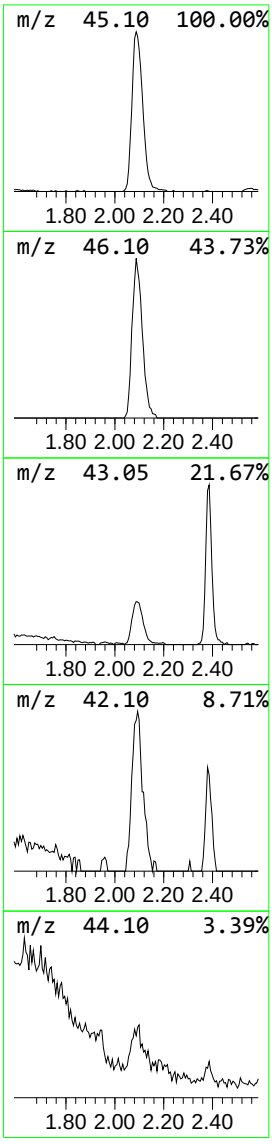
****

Peak Number 2 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.087	7.61 ug/l	56247	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31377

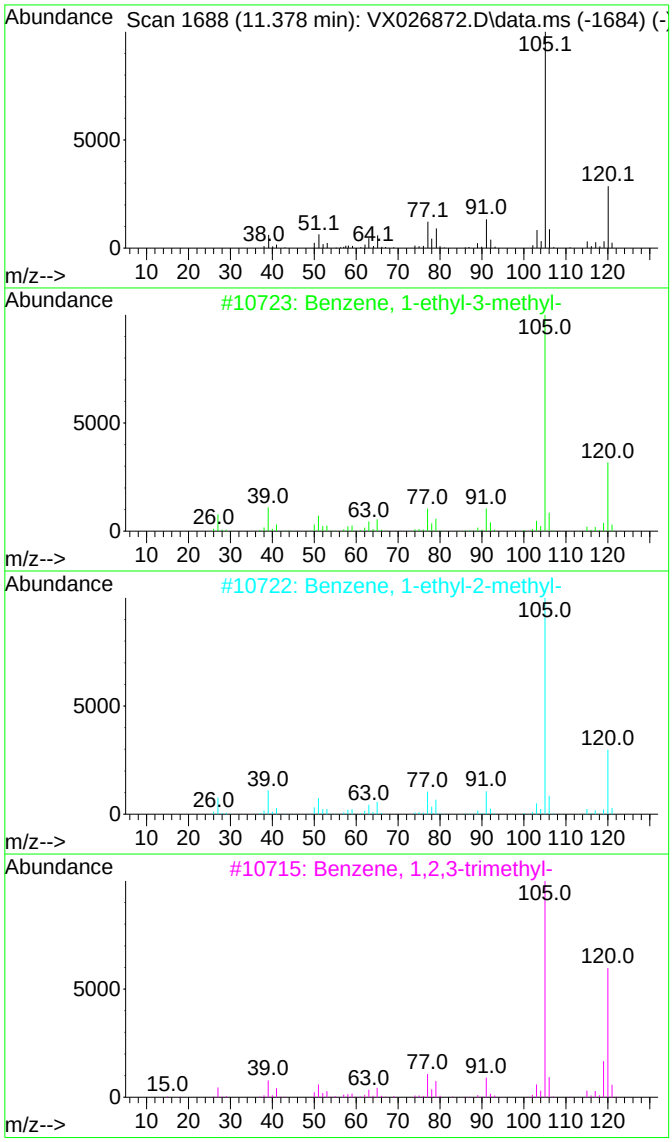
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

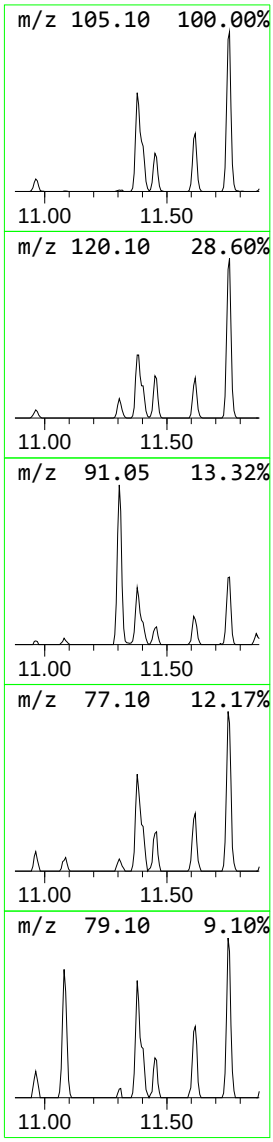
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	9.72 ug/l	96395	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
Sample : N1425-03 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31377

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

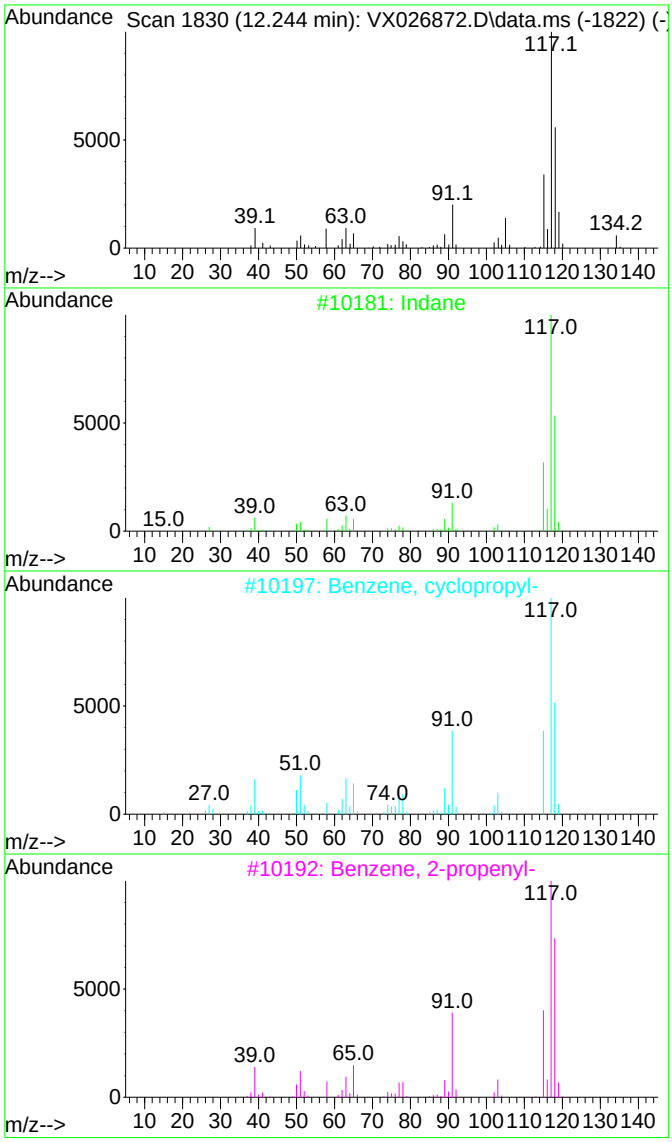
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

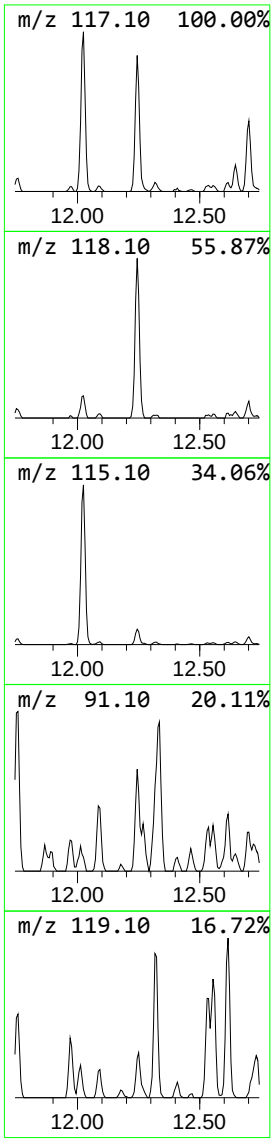
****

Peak Number 4 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	6.11 ug/l	60521	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
Sample : N1425-03 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31377

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

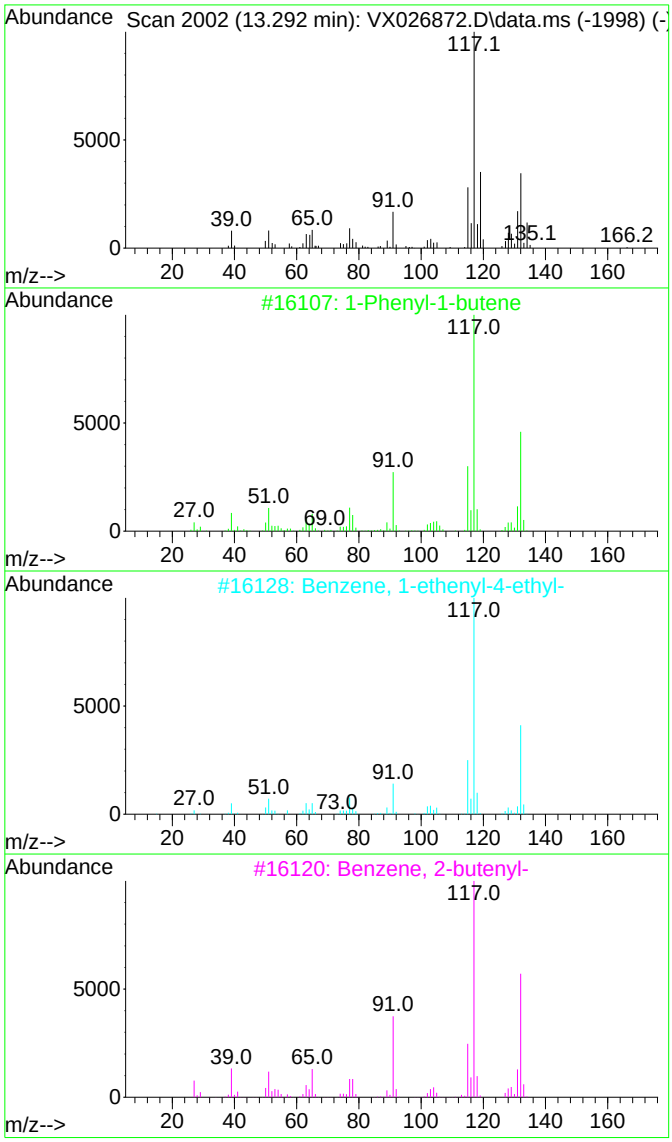
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

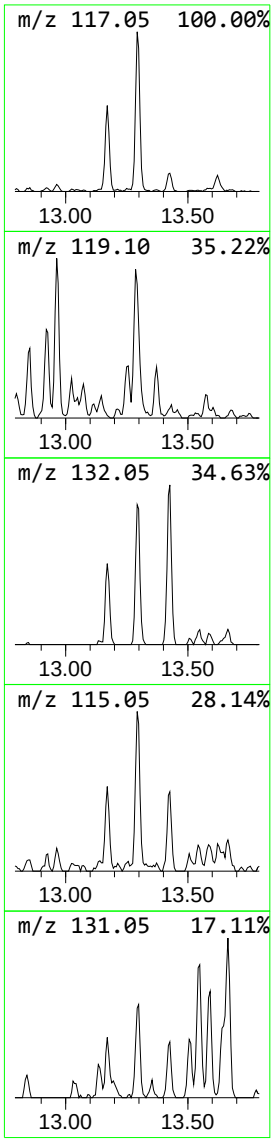
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	7.08 ug/l	70173	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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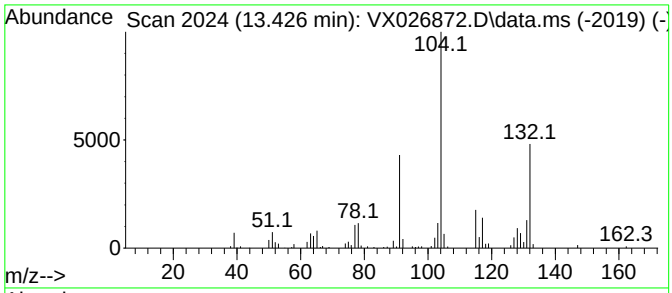
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

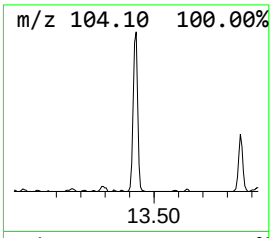
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

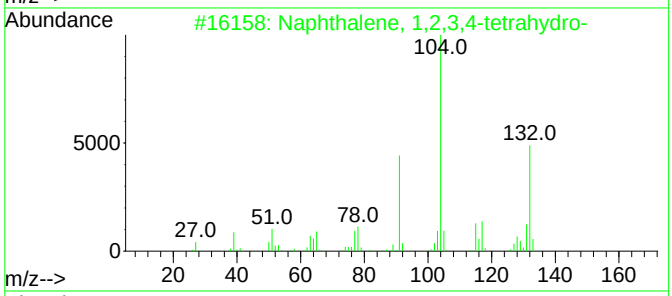
****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

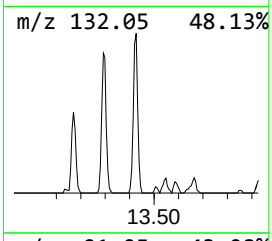
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.427	6.16 ug/l	61040	1,4-Dichlorobenzene-d4	12.024

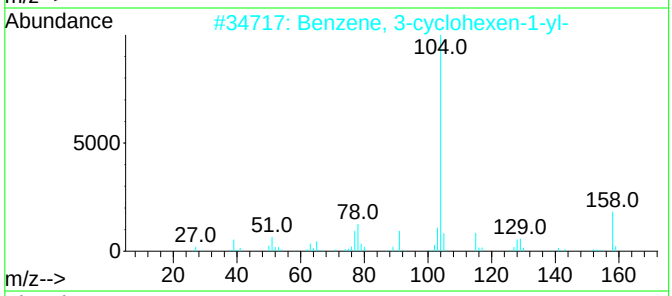
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	42
5	Benzenemethanol, 2-methyl-	122	C8H10O	000089-95-2	35

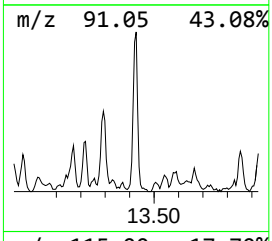


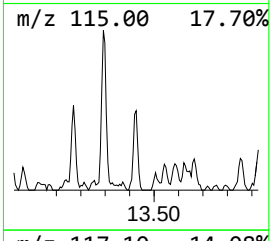


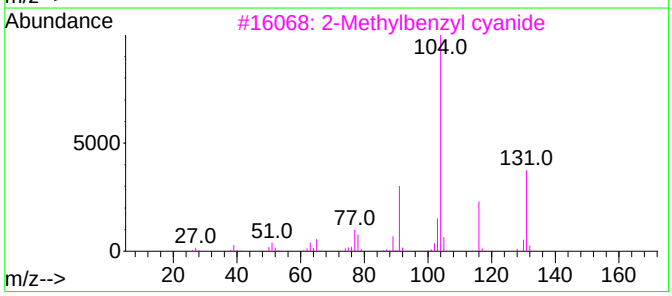


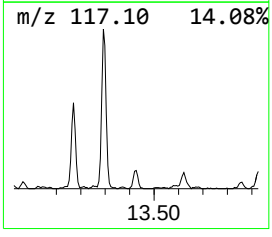












Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
Sample : N1425-03 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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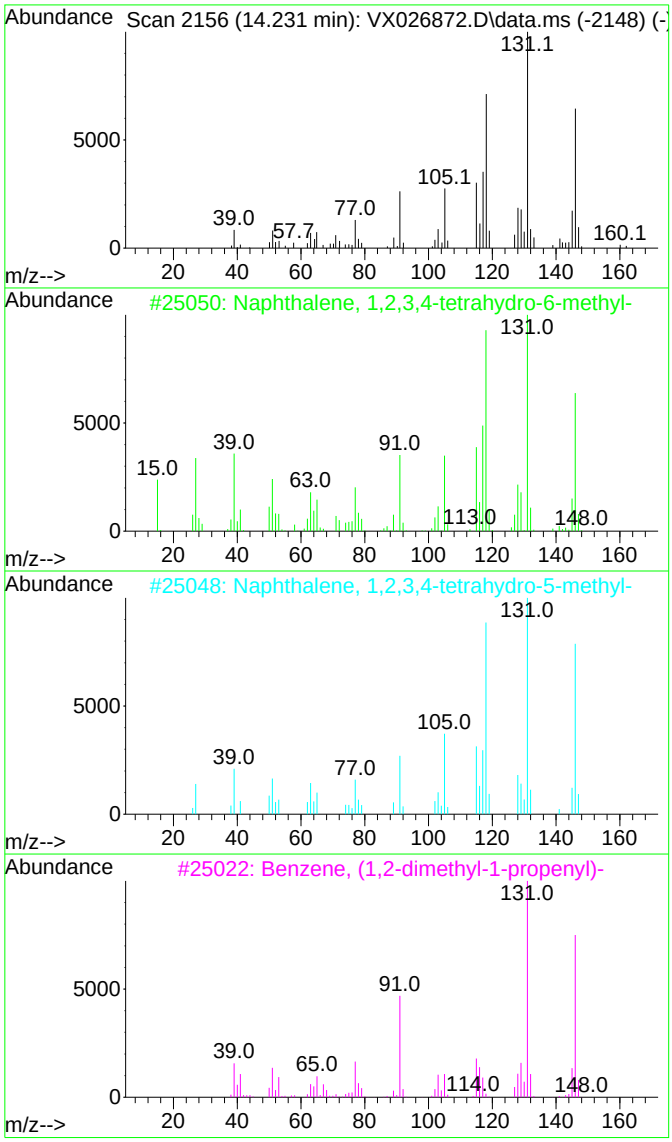
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

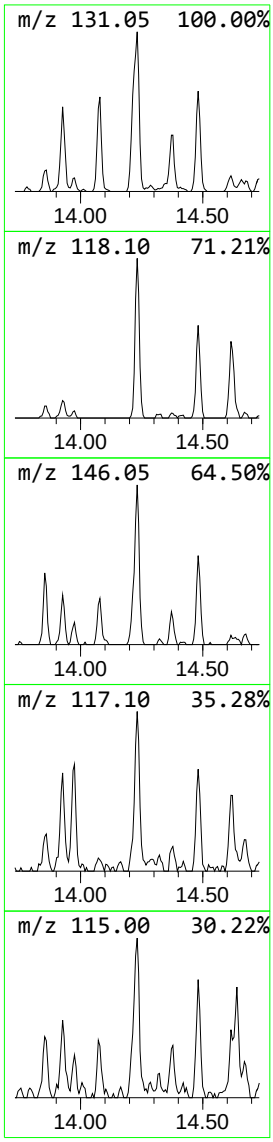
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.231	6.48 ug/l	64240	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026872.D
Acq On : 09 Feb 2022 16:34
Operator : JC/MD
Sample : N1425-03 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31377

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.453	128.5	ug/l	950252	1	5.556	369734	50.0
Ethanol	2.087	7.6	ug/l	56247	1	5.556	369734	50.0
Benzene, 1-ethy...	11.378	9.7	ug/l	96395	4	12.024	495661	50.0
Indane	12.244	6.1	ug/l	60521	4	12.024	495661	50.0
1-Phenyl-1-butene	13.292	7.1	ug/l	70173	4	12.024	495661	50.0
Naphthalene, 1,...	13.427	6.2	ug/l	61040	4	12.024	495661	50.0
Naphthalene, 1,...	14.231	6.5	ug/l	64240	4	12.024	495661	50.0