LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

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_D\Method\82D101723S.M
Title : SW846 8260

Signal : TIC: VD077400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	19	26	39	rVB	496448	904960	100.00%	16.130%
2	2.422	137	142	150	rVB	28139	44955	4.97%	0.801%
3	4.022	406	414	425	rBV2	8580	23013	2.54%	0.410%
4	4.269	448	456	464	rBV	11596	30206	3.34%	0.538%
5	4.799	536	546	557	rBV3	21438	65638	7.25%	1.170%
6	7.804	1047	1057	1063	rBV	90960	226738	25.06%	4.041%
7	7.875	1063	1069	1080	rVB	162506	369508	40.83%	6.586%
8	8.234	1121	1130	1141	rBV3	77339	210870	23.30%	3.759%
9	8.775	1214	1222	1233	rBV	252372	521087	57.58%	9.288%
10	10.269	1469	1476	1483	rBV	294492	523576	57.86%	9.332%
11	10.334	1483	1487	1496	rVB3	15019	27075	2.99%	0.483%
12	11.181	1625	1631	1636	rVV5	10499	20507	2.27%	0.366%
13	11.381	1659	1665	1669	rVB7	5651	9978	1.10%	0.178%
14	11.581	1691	1699	1710	rBV	328213	566402	62.59%	10.095%
15	11.681	1710	1716	1727	rBV	16274	37098	4.10%	0.661%
16	11.792	1727	1735	1738	rBV4	11306	24671	2.73%	0.440%
17	11.869	1746	1748	1753	rVB5	6648	9168	1.01%	0.163%
18	12.116	1780	1790	1798	rBV8	15898	55682	6.15%	0.992%
19	12.210	1803	1806	1810	rVB3	10310	14595	1.61%	0.260%
20	12.292	1814	1820	1822	rBV6	15070	23779	2.63%	0.424%
21	12.328	1822	1826	1833	rVV4	20406	40207	4.44%	0.717%
22	12.422	1836	1842	1847	rVV	36869	60457	6.68%	1.078%
23	12.575	1862	1868	1875	rVB4	183991	295608	32.67%	5.269%
24	12.757	1890	1899	1906	rVB2	41691	98444	10.88%	1.755%
25	12.828	1906	1911	1914	rBV6	8833	18484	2.04%	0.329%
26	12.892	1914	1922	1923	rBV8	10951	21734	2.40%	0.387%
27	13.063	1944	1951	1958	rVB	52755	89535	9.89%	1.596%
28	13.134	1958	1963	1965	rBV6	7002	10140	1.12%	0.181%
29	13.210	1972	1976	1981	rBV3	11643	20107	2.22%	0.358%
30	13.263	1981	1985	1992	rVB9	8436	12739	1.41%	0.227%
31	13.339	1996	1998	2003	rVB4	10899	14224	1.57%	0.254%
32	13.516	2021	2028	2033	rBV	214359	396830	43.85%	7.073%
33	13.716	2058	2062	2067	rVV	36364	57717	6.38%	1.029%
34	13.845	2079	2084	2086	rBV5	6744	10416	1.15%	0.186%
35	13.898	2090	2093	2101	rVB3	19515	36190	4.00%	0.645%
36	14.063	2115	2121	2126	rVB3	18495	36308	4.01%	0.647%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

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_D\Method\82D101723S.M
Title : SW846 8260

37	14.175	2135	2140	2144	rBV6	6958	12852	1.42%	0.229%
38	14.422	2178	2182	2188	rBV8	6648	10497	1.16%	0.187%
39	14.763	2236	2240	2248	rVB3	20370	42772	4.73%	0.762%
40	14.833	2248	2252	2257	rBV6	13666	27341	3.02%	0.487%
41	14.916	2262	2266	2271	rVB6	19403	33911	3.75%	0.604%
42	15.333	2330	2337	2345	rBV	174804	315671	34.88%	5.626%
43	15.428	2350	2353	2359	rVB7	9534	17531	1.94%	0.312%
44	16.398	2513	2518	2530	rVB	30319	68091	7.52%	1.214%
45	16.604	2545	2553	2561	rVB2	65350	153145	16.92%	2.730%

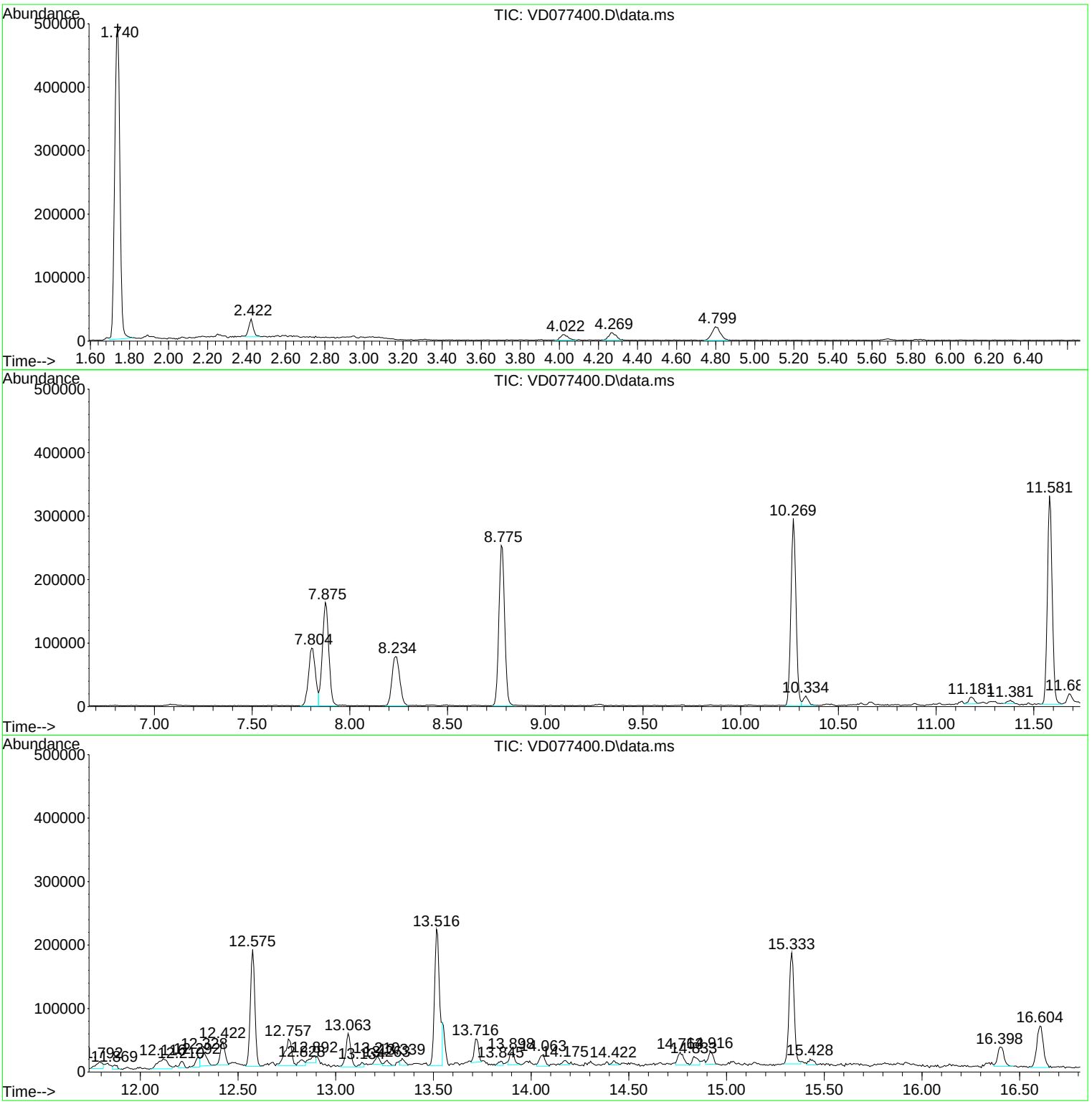
Sum of corrected areas: 5610457

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

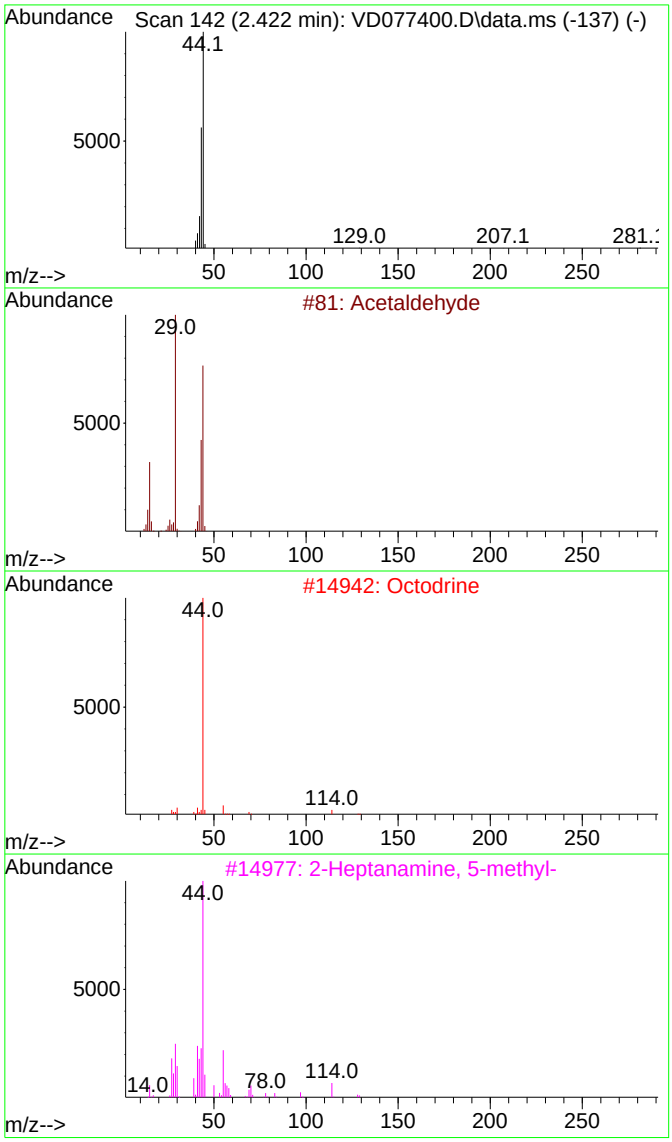
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

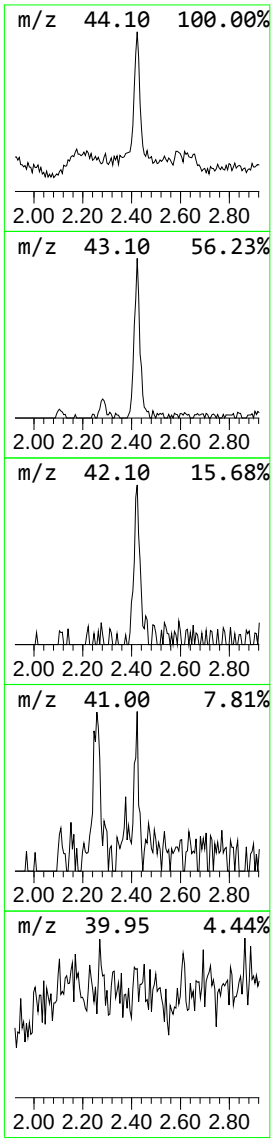
****

Peak Number 2 Acetaldehyde Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	6.08 ug/l	44955	Pentafluorobenzene	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	78
2	Octodrine	129	C8H19N	000543-82-8	5
3	2-Heptanamine, 5-methyl-	129	C8H19N	053907-81-6	5
4	Propane	44	C3H8	000074-98-6	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

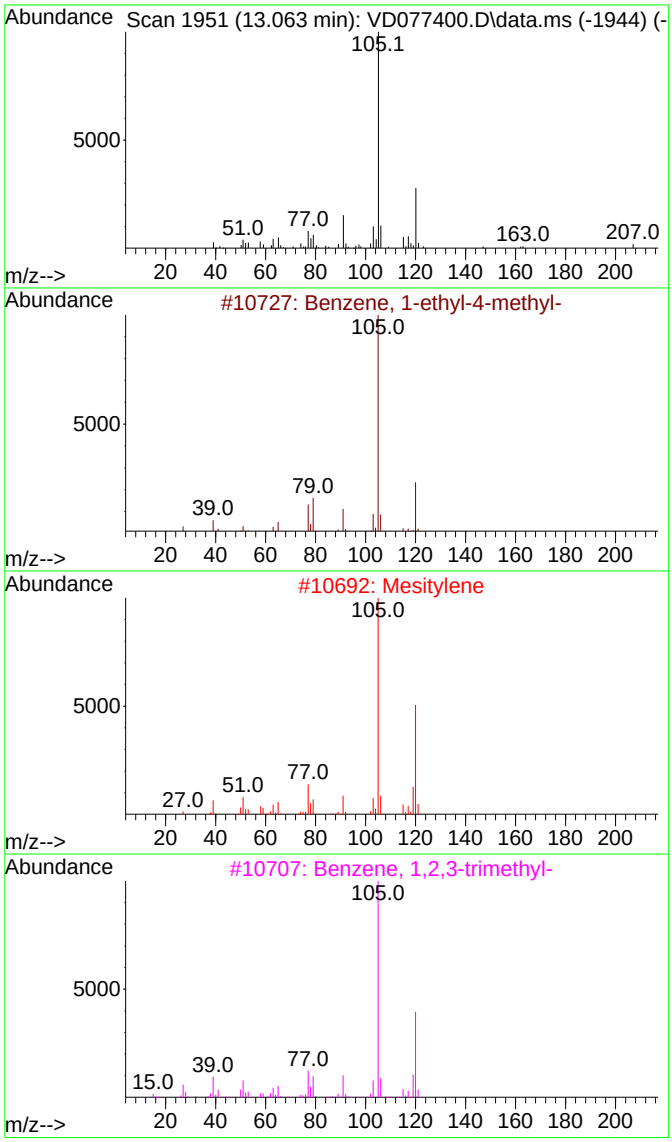
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

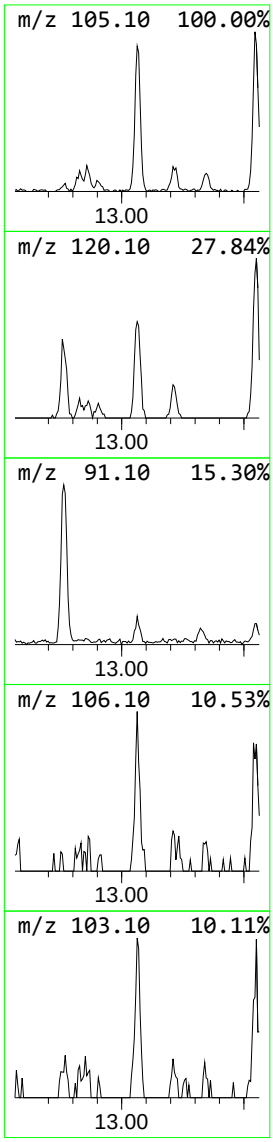
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	11.28 ug/l	89535	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

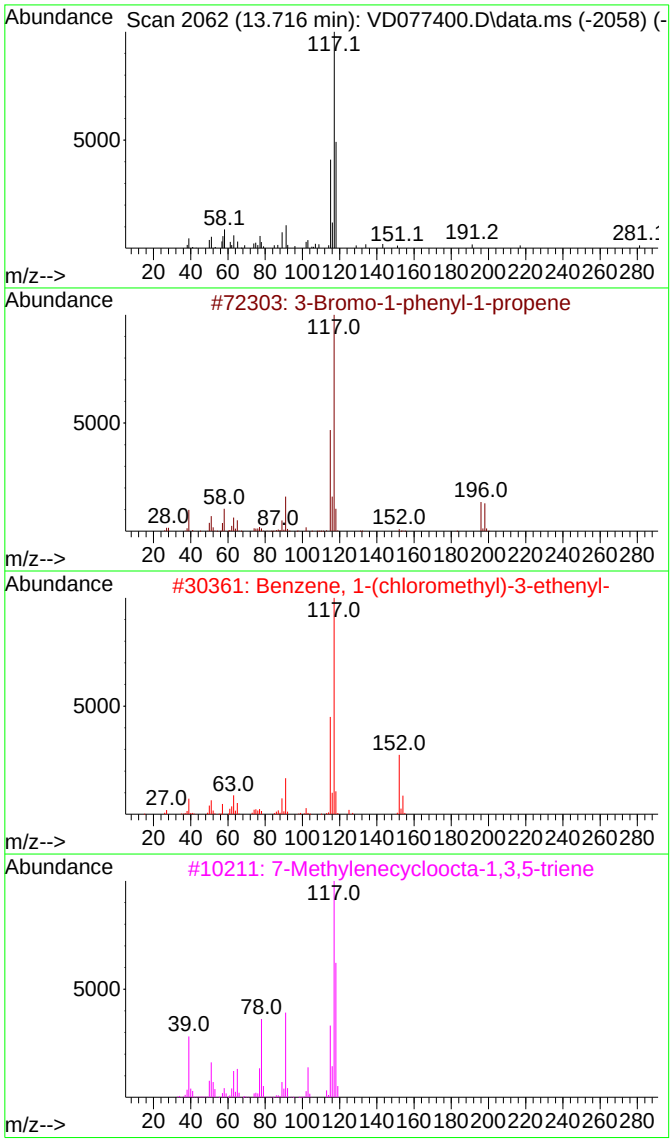
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

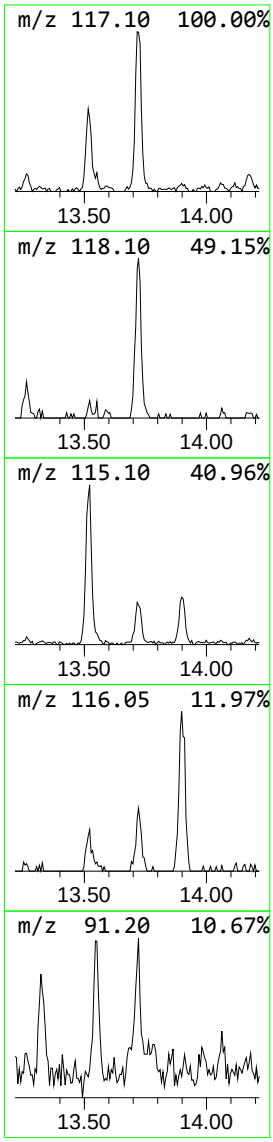
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Bromo-1-phenyl-1-propene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	7.27 ug/l	57717	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	59
2	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	59
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	53
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	53
5	Indane	118	C9H10	000496-11-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

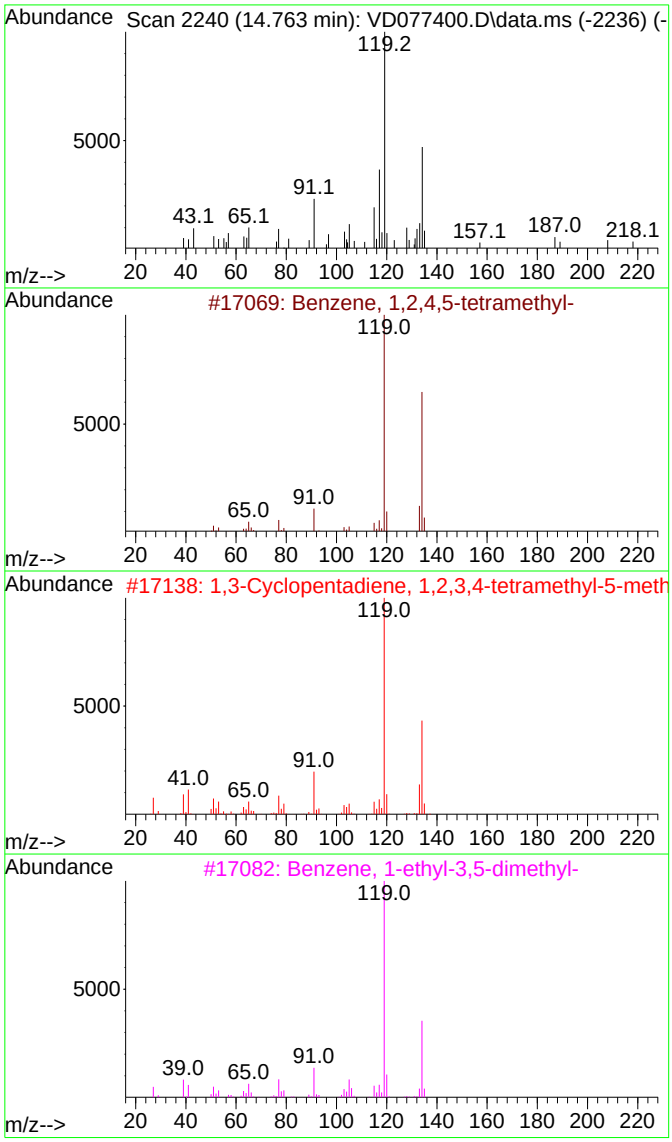
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

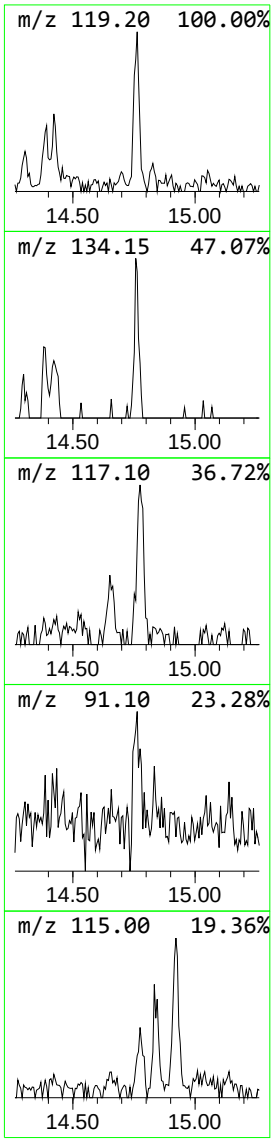
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	5.39 ug/l	42772	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	52
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	52
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	52
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

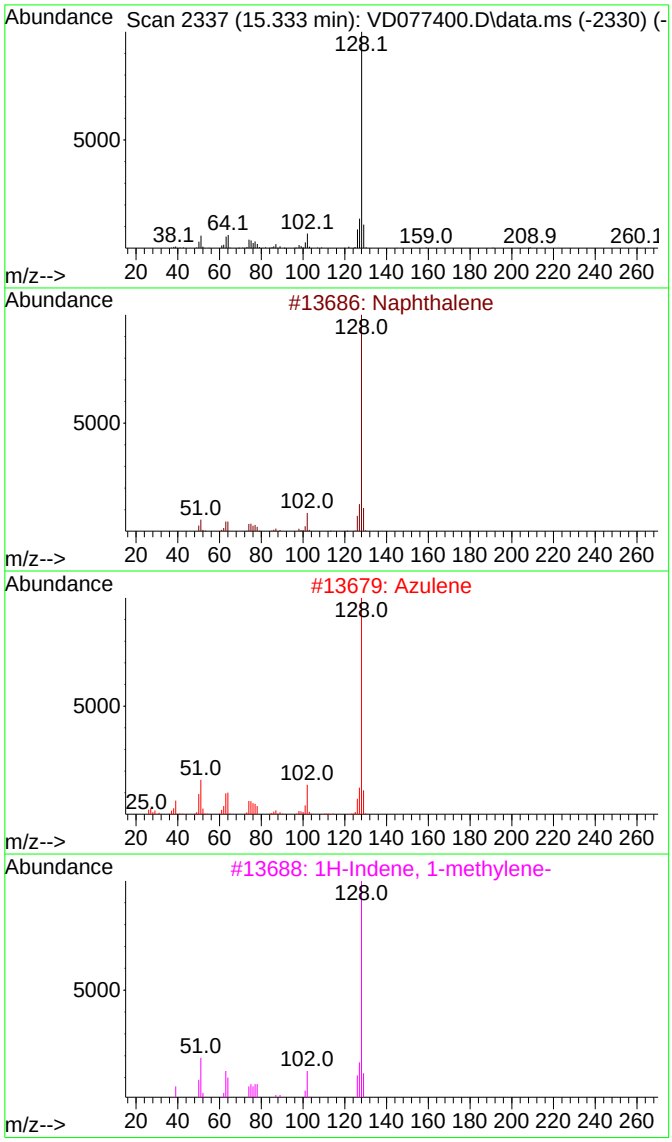
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

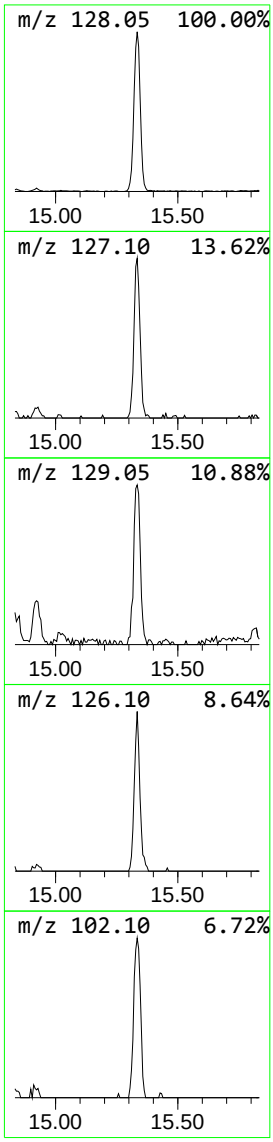
****

Peak Number 6 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.334	39.77 ug/l	315671	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5	m-Fluorothiophenol	128	C6H5FS	002557-77-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

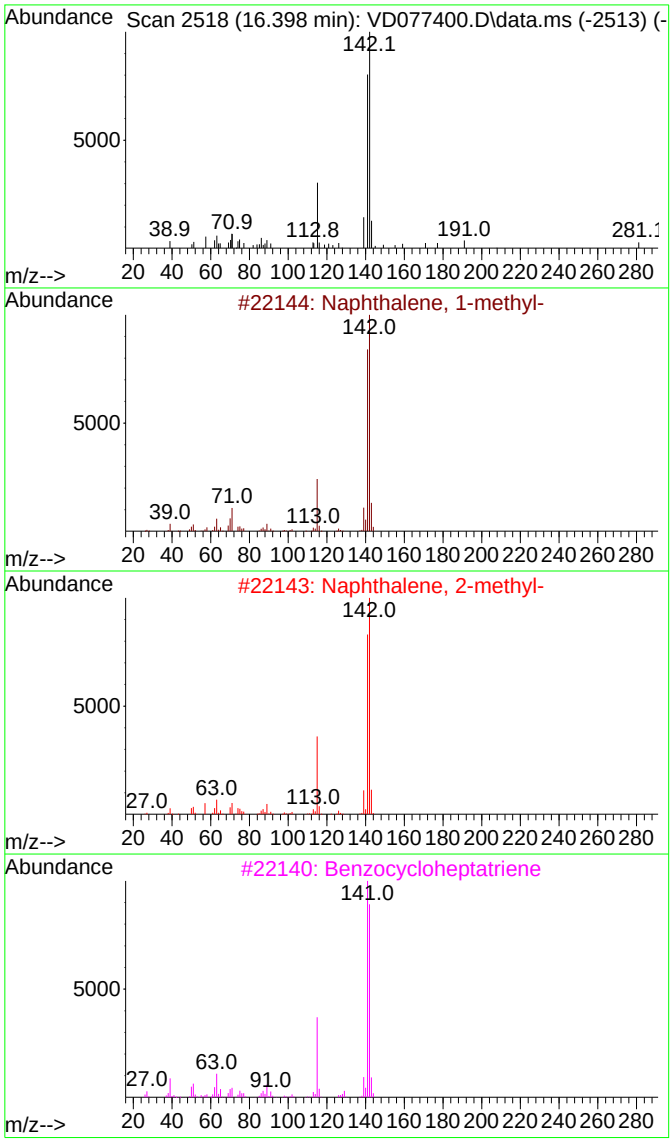
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

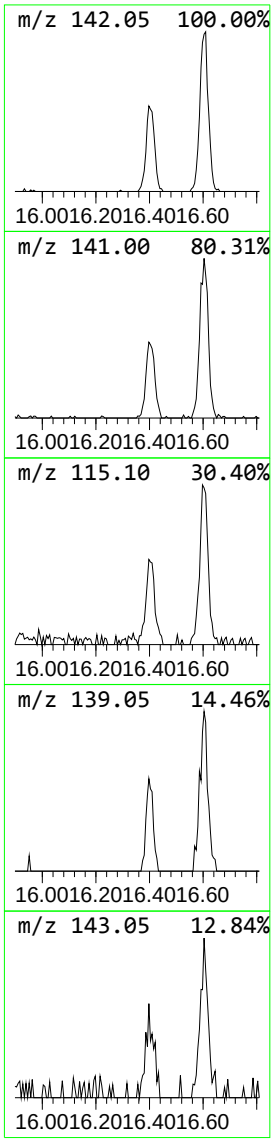
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	8.58 ug/l	68091	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	86
4	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

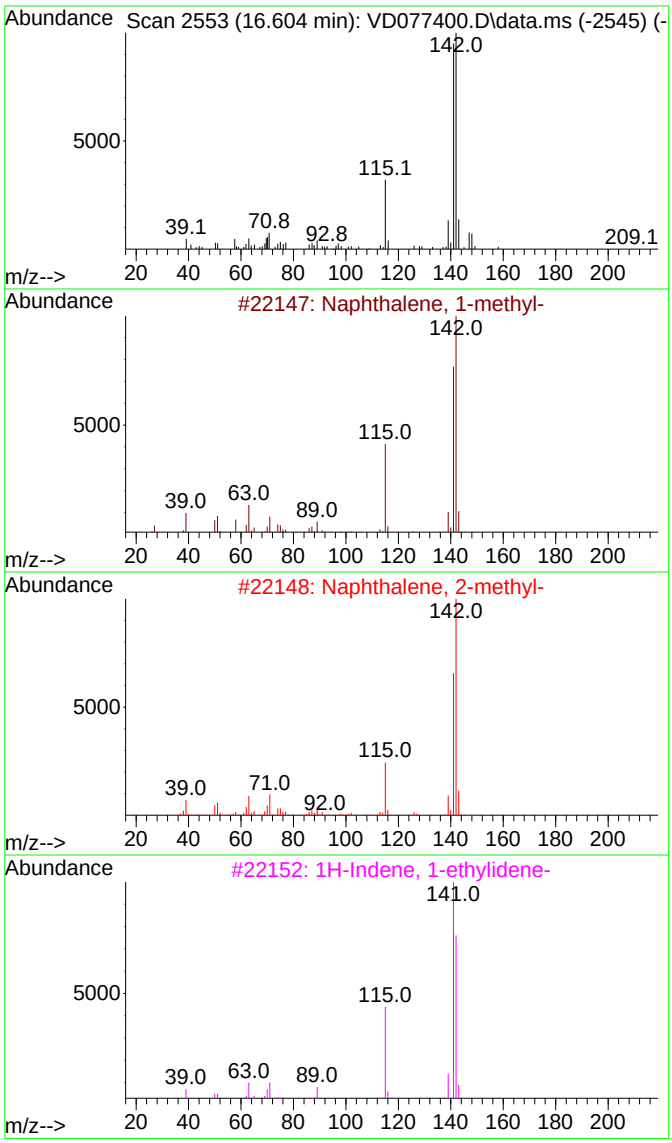
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

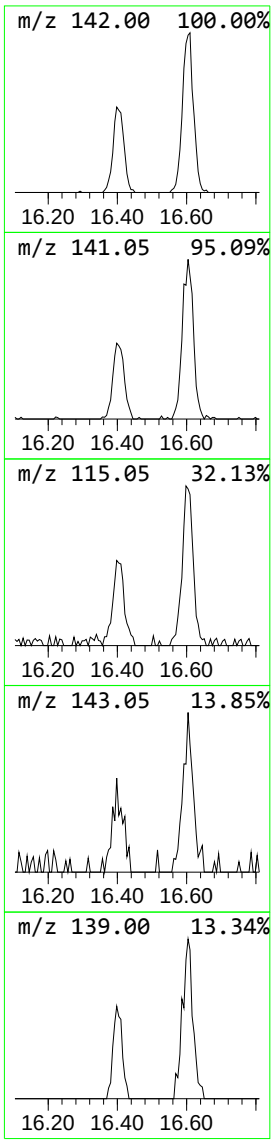
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 1-ethylidene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	19.30 ug/l	153145	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077400.D
Acq On : 24 Oct 2023 17:43
Operator : JC/SY
Sample : 05005-02
Misc : 4.84G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
N-4(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.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	2.422	6.1	ug/l	44955	1	7.881	369508	50.0
Benzene, 1-ethy...	13.063	11.3	ug/l	89535	4	13.516	396830	50.0
3-Bromo-1-pheny...	13.716	7.3	ug/l	57717	4	13.516	396830	50.0
Benzene, 1,2,4,...	14.763	5.4	ug/l	42772	4	13.516	396830	50.0
Azulene	15.334	39.8	ug/l	315671	4	13.516	396830	50.0
Benzocyclohepta...	16.398	8.6	ug/l	68091	4	13.516	396830	50.0
1H-Indene, 1-et...	16.604	19.3	ug/l	153145	4	13.516	396830	50.0