

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004615.D
 Acq On : 23 Apr 2021 19:05
 Operator : SY/MD
 Sample : M2149-15
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-40-9.5-10.0

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_Y\methods\82Y041221S.M
 Title : SW846 8260

Signal : TIC: VY004615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.564	115	122	123	rBV4	4765	9816	1.36%	0.206%
2	3.966	342	352	366	rBV	29526	80413	11.15%	1.690%
3	4.210	383	392	397	rBV2	3731	9799	1.36%	0.206%
4	4.735	467	478	492	rVB2	6743	22204	3.08%	0.467%
5	5.759	638	646	657	rVB6	2461	7818	1.08%	0.164%
6	6.996	839	849	861	rBV	10713	29404	4.08%	0.618%
7	7.728	959	969	975	rBV	94792	227804	31.59%	4.787%
8	7.801	975	981	995	rVB	160755	368116	51.05%	7.735%
9	8.155	1025	1039	1050	rVB2	103730	252386	35.00%	5.303%
10	8.697	1120	1128	1139	rVB	263997	512966	71.14%	10.779%
11	10.185	1365	1372	1380	rBV	425077	721030	100.00%	15.151%
12	11.300	1548	1555	1564	rVB5	8649	20479	2.84%	0.430%
13	11.496	1580	1587	1597	rBV	377052	603056	83.64%	12.672%
14	11.630	1605	1609	1613	rVB3	7833	11358	1.58%	0.239%
15	11.691	1613	1619	1621	rBV3	4828	8638	1.20%	0.182%
16	11.758	1622	1630	1638	rVB5	10082	33655	4.67%	0.707%
17	11.843	1638	1644	1649	rBV6	4428	10382	1.44%	0.218%
18	11.898	1649	1653	1658	rBV3	7850	13061	1.81%	0.274%
19	12.008	1662	1671	1676	rBV5	30761	69469	9.63%	1.460%
20	12.062	1676	1680	1683	rBV	6064	7393	1.03%	0.155%
21	12.166	1693	1697	1699	rBV	14125	20503	2.84%	0.431%
22	12.209	1699	1704	1707	rVV	31989	54100	7.50%	1.137%
23	12.294	1713	1718	1729	rBV8	12527	40713	5.65%	0.855%
24	12.428	1736	1740	1744	rVB4	12671	19669	2.73%	0.413%
25	12.483	1744	1749	1756	rVB	271895	437595	60.69%	9.195%
26	12.562	1756	1762	1768	rBV4	27480	70182	9.73%	1.475%
27	12.648	1769	1776	1781	rVB3	66557	109286	15.16%	2.296%
28	12.703	1781	1785	1788	rBV2	39897	61840	8.58%	1.299%
29	12.812	1797	1803	1809	rVB6	33965	69572	9.65%	1.462%
30	12.916	1815	1820	1823	rBV	28040	43955	6.10%	0.924%
31	13.044	1835	1841	1850	rVB6	25114	67597	9.38%	1.420%
32	13.135	1850	1856	1857	rBV5	12178	19678	2.73%	0.413%
33	13.257	1871	1876	1878	rBV5	8600	15249	2.11%	0.320%
34	13.294	1878	1882	1889	rVV5	16742	38702	5.37%	0.813%
35	13.428	1897	1904	1911	rVV	307284	470536	65.26%	9.887%
36	13.495	1911	1915	1920	rVV3	7882	12268	1.70%	0.258%

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Instrument :
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SB-40-9.5-10.0

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_Y\methods\82Y041221S.M
Title : SW846 8260

37	13.562	1920	1926	1931	rVB5	12326	27519	3.82%	0.578%
38	13.751	1951	1957	1963	rBV2	49191	80979	11.23%	1.702%
39	13.965	1987	1992	1998	rVB5	7825	14991	2.08%	0.315%
40	14.129	2014	2019	2027	rVV	12688	20935	2.90%	0.440%
41	14.208	2027	2032	2037	rVV7	3792	9327	1.29%	0.196%
42	14.288	2037	2045	2053	rVB3	10930	25132	3.49%	0.528%
43	14.422	2064	2067	2071	rVB6	6891	9486	1.32%	0.199%

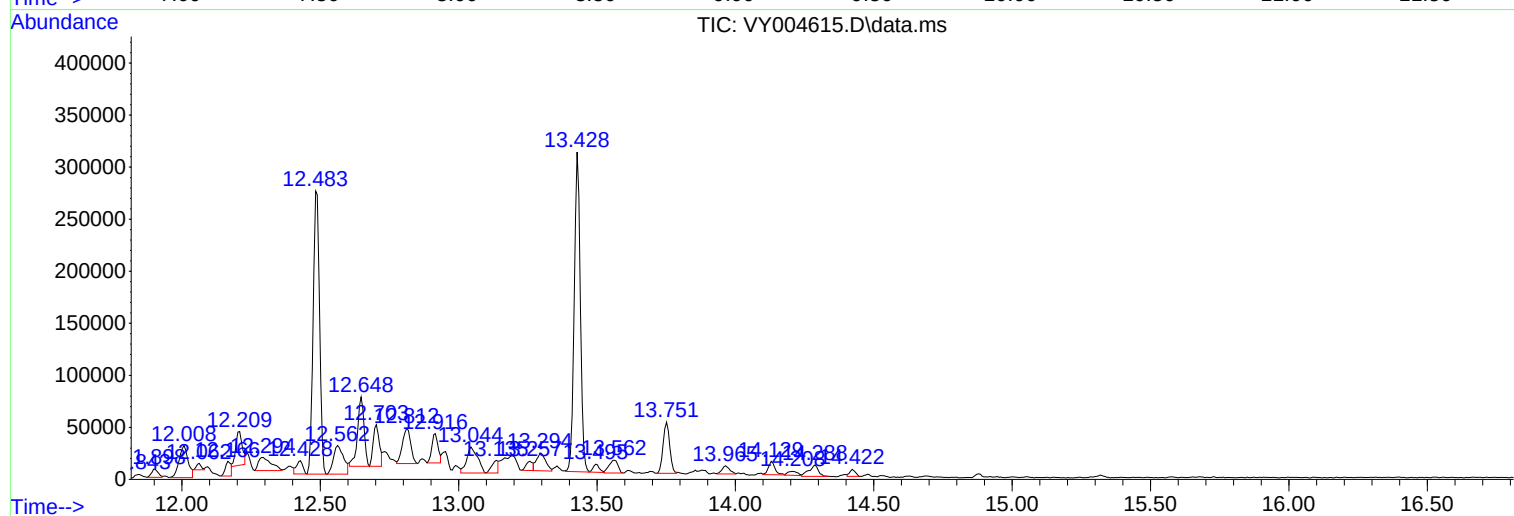
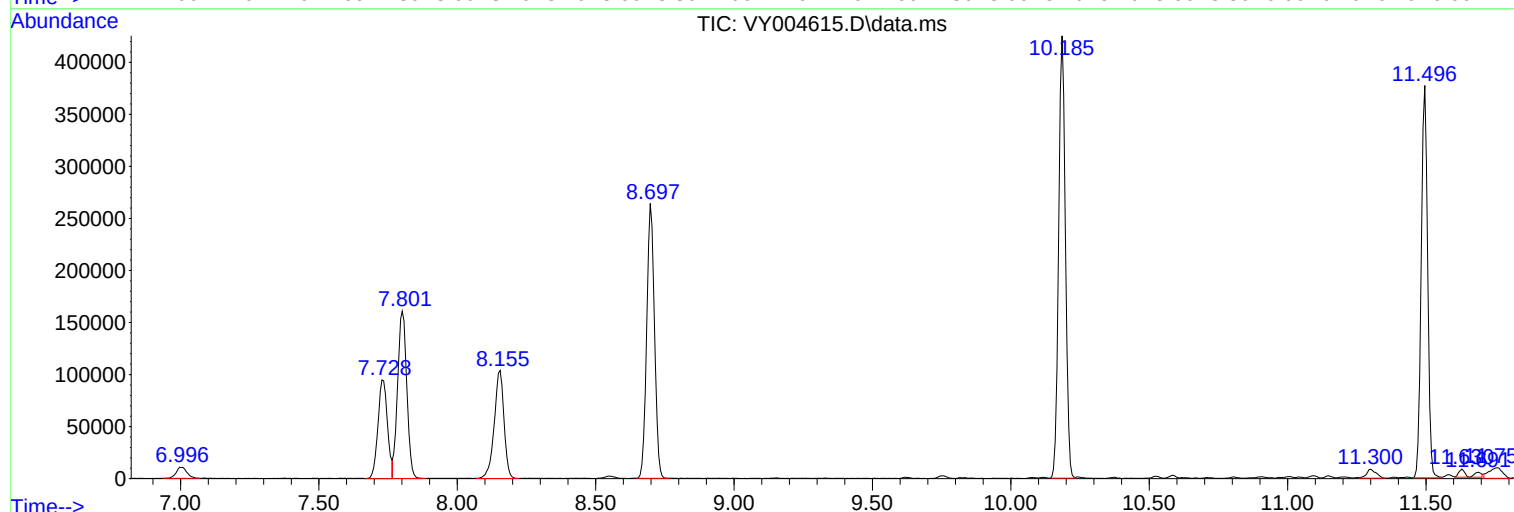
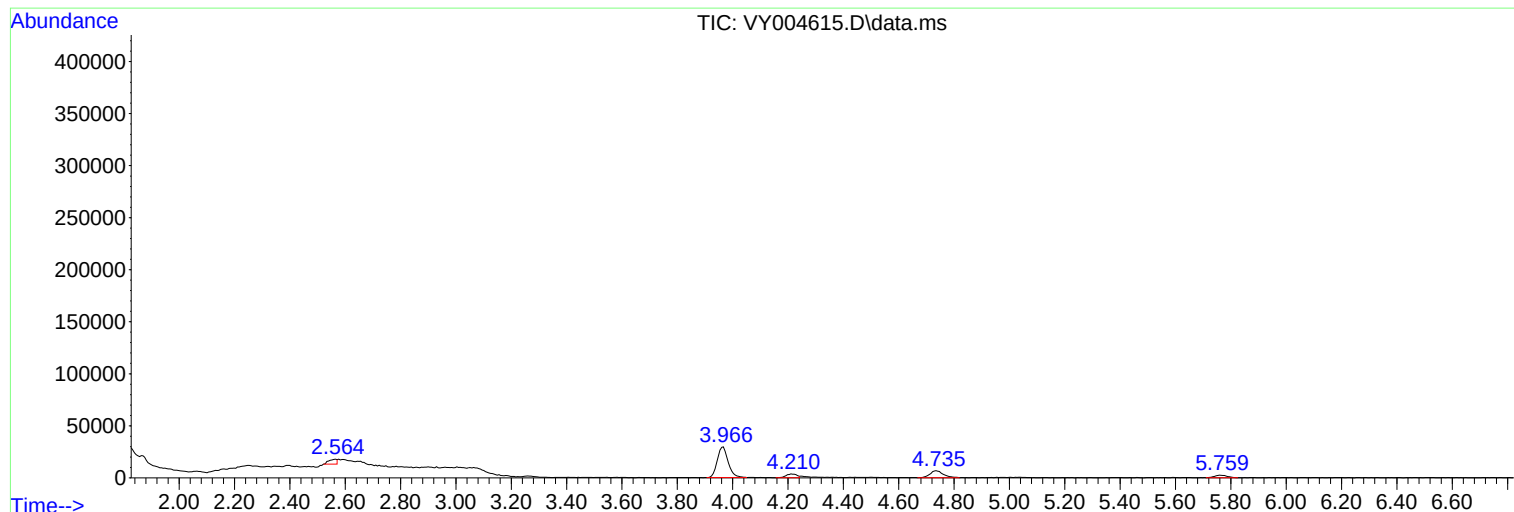
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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



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SB-40-9.5-10.0

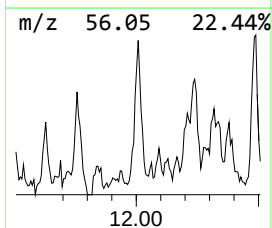
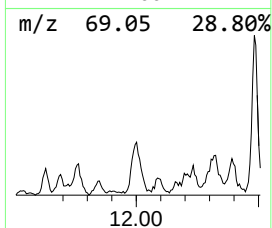
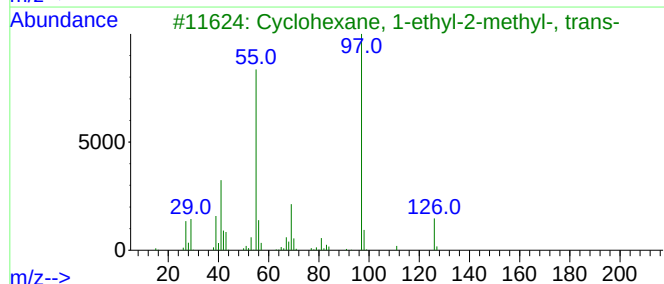
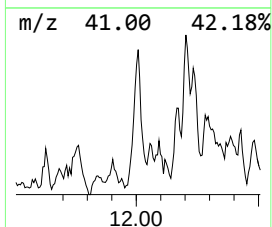
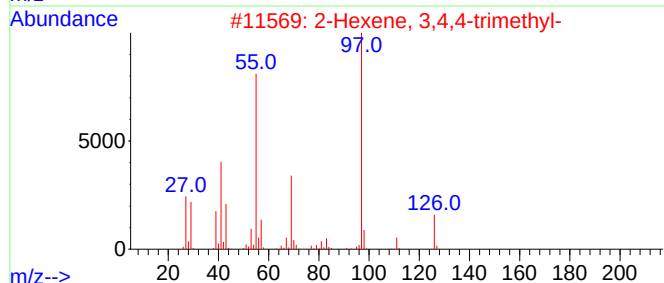
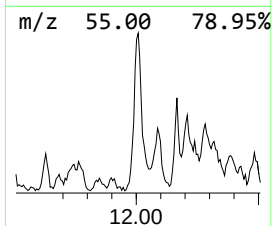
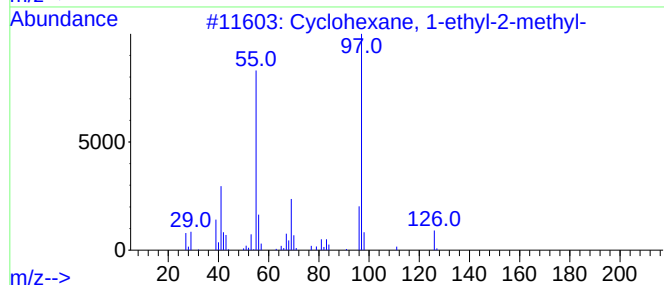
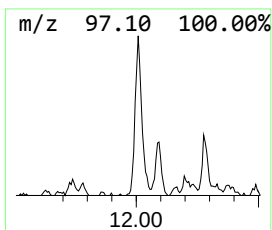
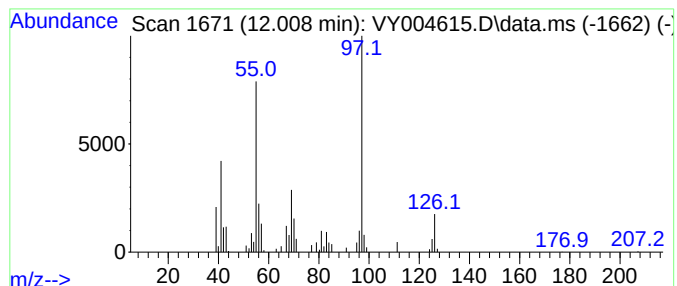
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	5.76 ug/l	69469	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	68
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64



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Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

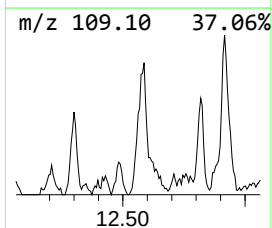
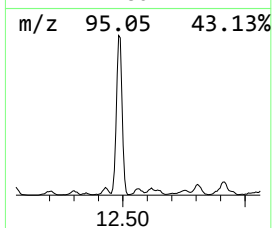
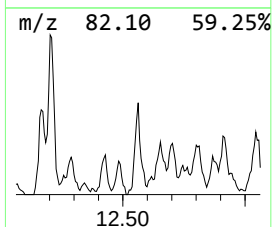
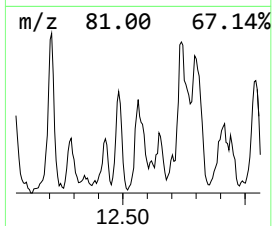
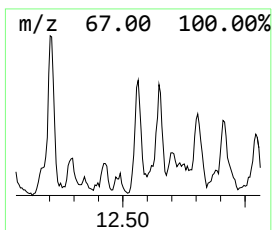
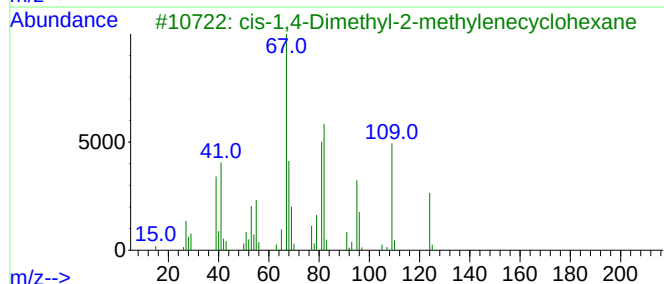
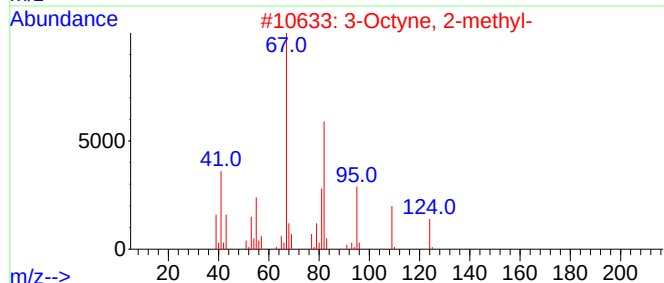
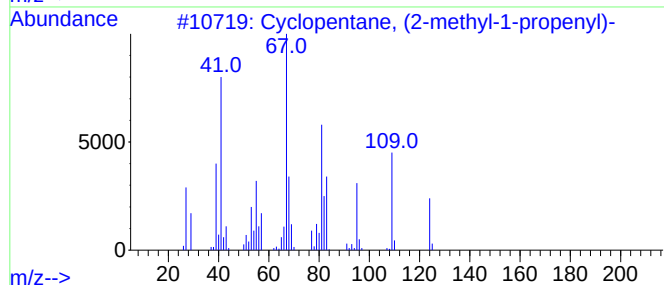
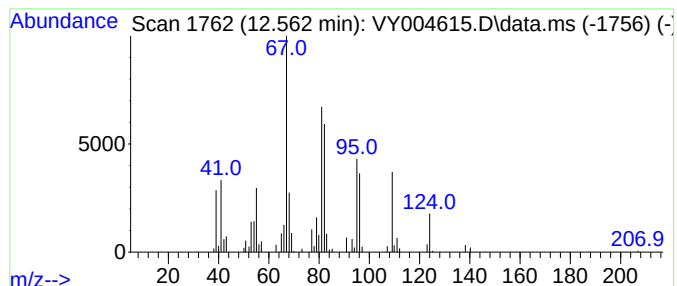
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane, (2-methyl-1-p... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.562	7.46 ug/l	70182	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	70
2			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	58
3			cis-1,4-Dimethyl-2-methylenecycl...	124	C9H16	019781-46-5	53
4			Cyclopentane, (2-methylpropylide...	124	C9H16	053366-58-8	53
5			4-Decyne	138	C10H18	002384-86-3	52



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Instrument :
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ClientSampleId :
SB-40-9.5-10.0

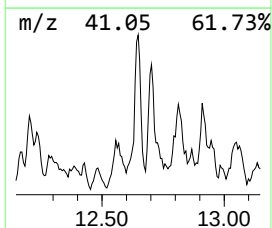
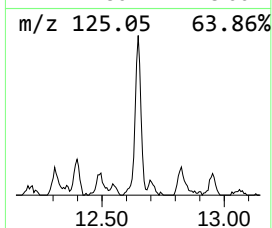
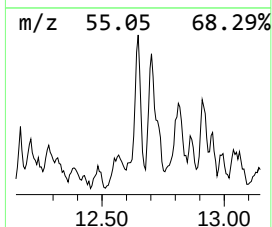
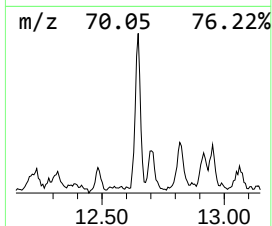
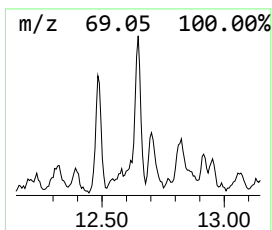
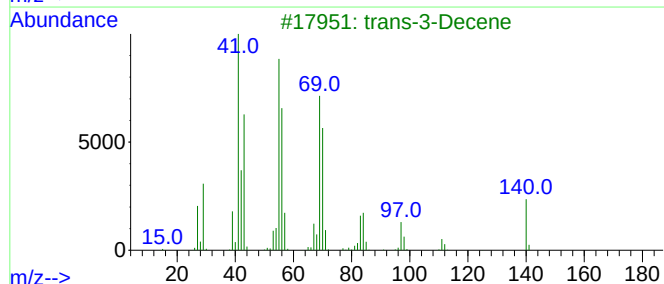
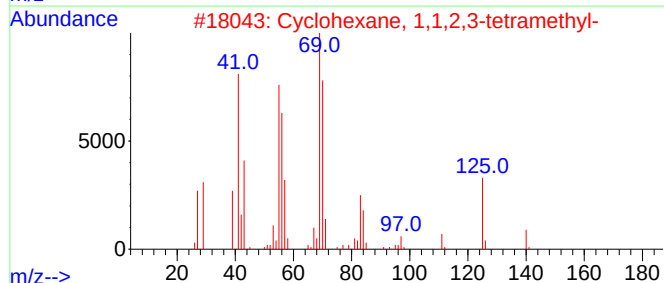
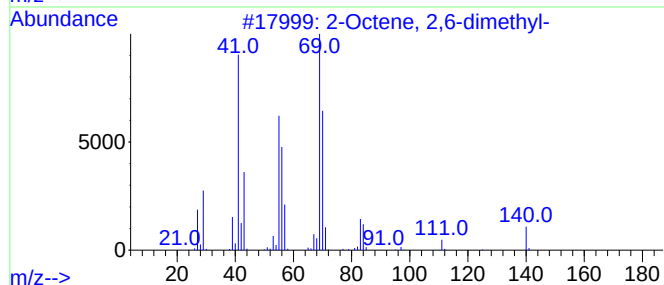
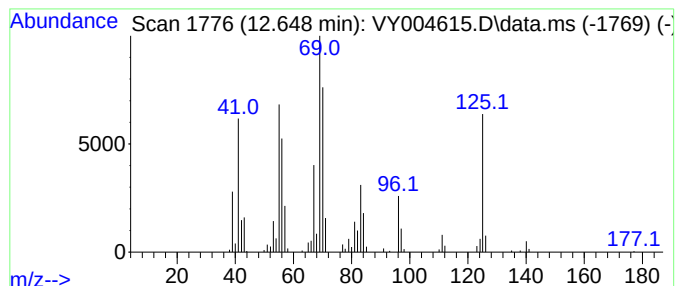
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	11.61 ug/l	109286	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
3			trans-3-Decene	140	C10H20	019150-21-1	50
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
5			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46



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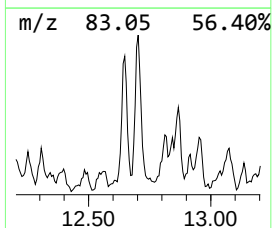
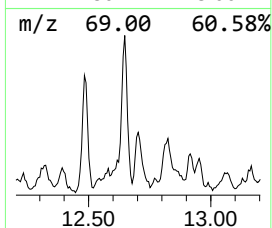
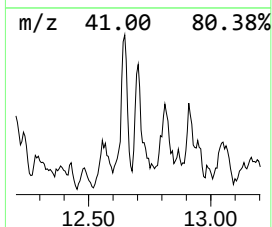
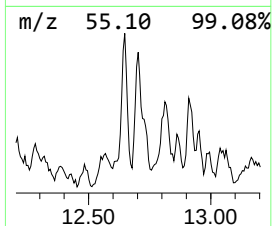
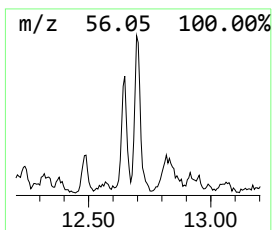
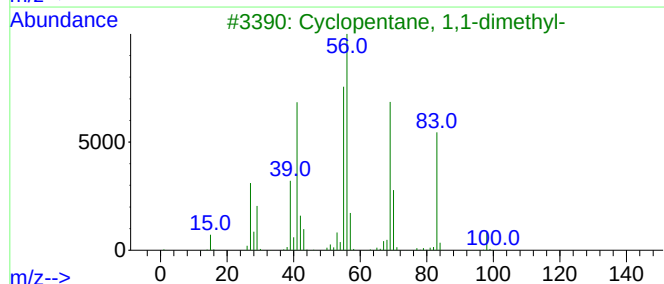
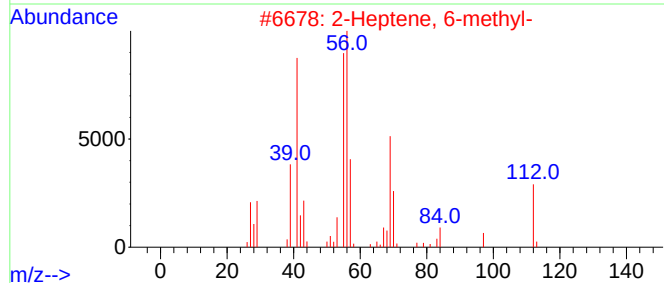
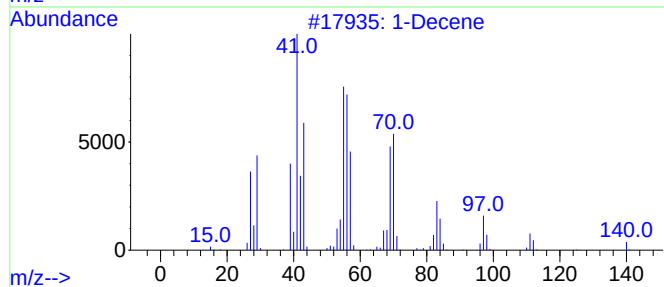
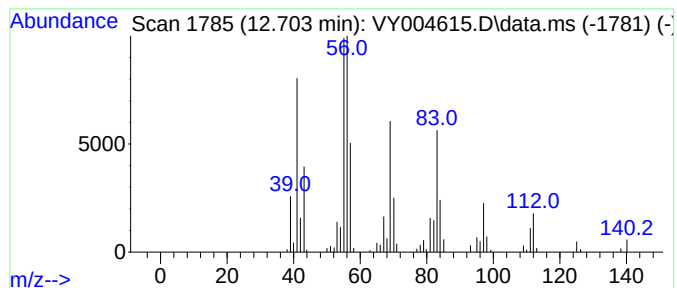
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Quant Title : SW846 8260

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

Peak Number 4 1-Decene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.703	6.57 ug/l	61840	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene	140	C10H20	000872-05-9	64
2			2-Heptene, 6-methyl-	112	C8H16	073548-72-8	60
3			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	58
4			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	53
5			Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	52



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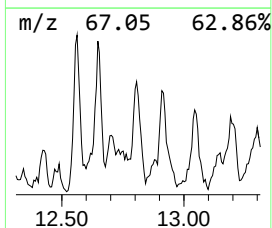
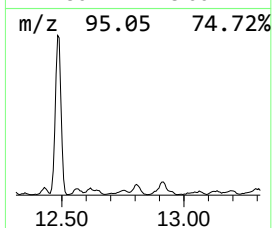
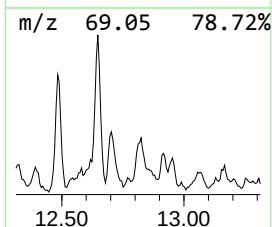
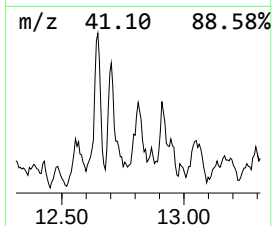
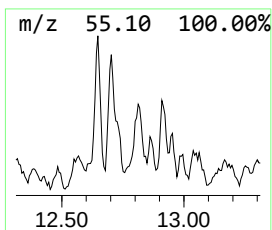
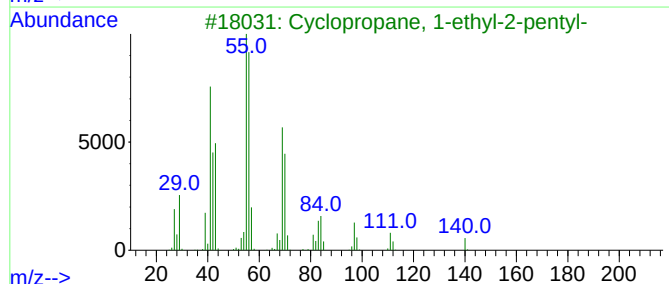
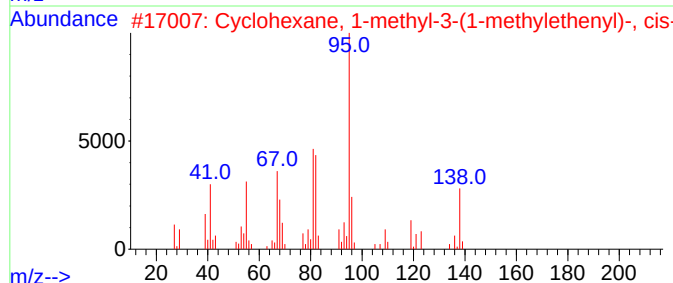
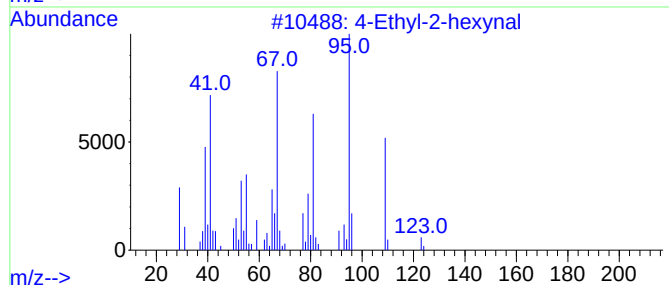
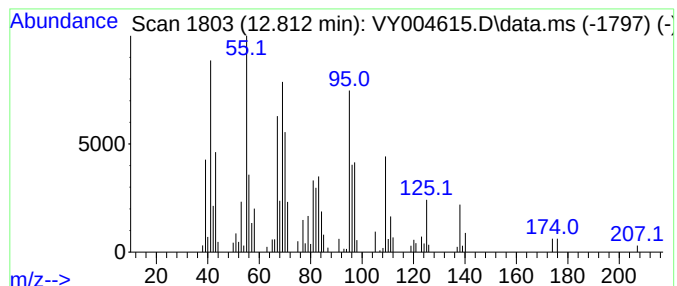
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.812 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	7.39 ug/l	69572	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	42
2			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	35
3			Cyclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	25
4			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	25
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
Data File : VY004615.D
Acq On : 23 Apr 2021 19:05
Operator : SY/MD
Sample : M2149-15
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

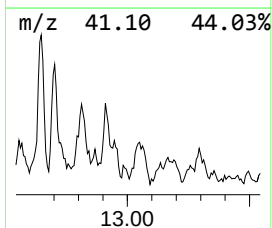
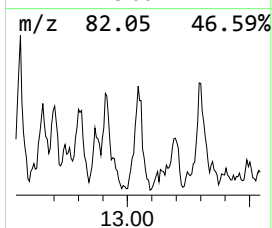
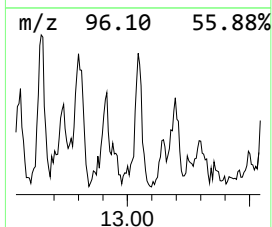
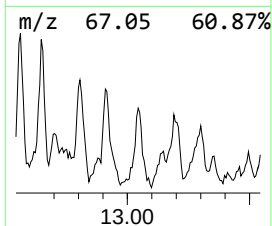
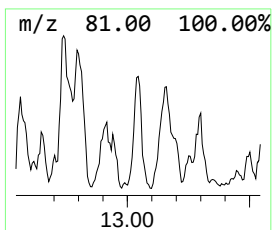
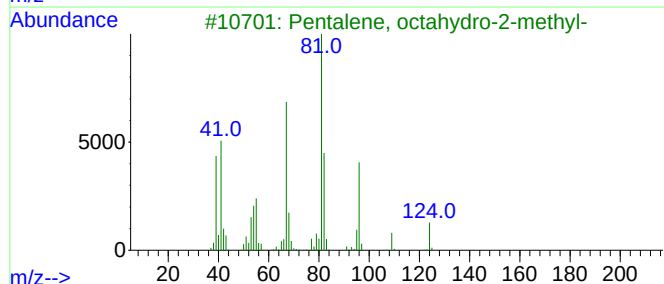
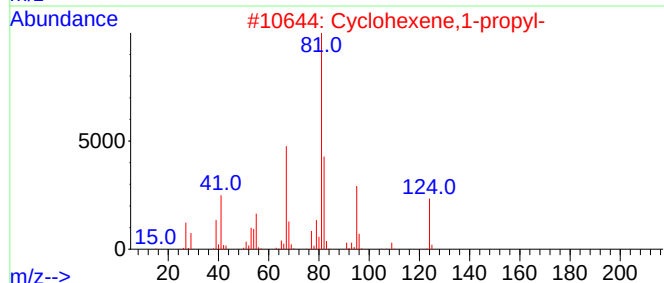
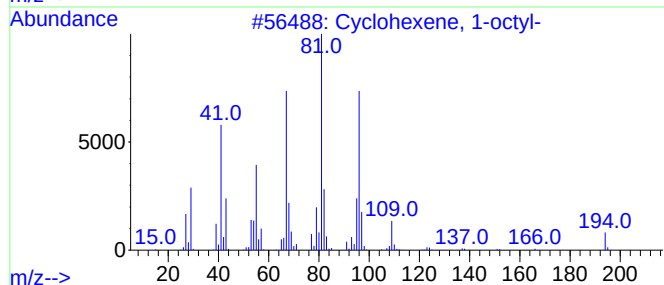
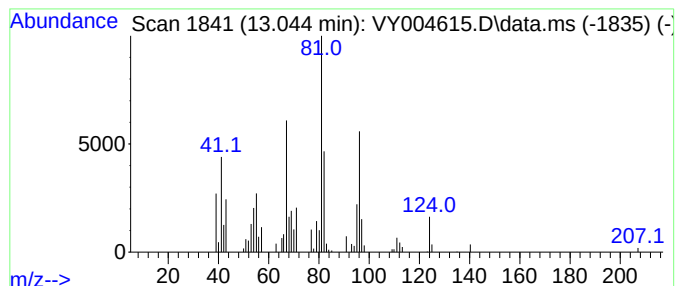
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexene, 1-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	7.18 ug/l	67597	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-octyl-	194	C14H26	015232-87-8	74
2			Cyclohexene,1-propyl-	124	C9H16	002539-75-5	58
3			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
4			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	52
5			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
Data File : VY004615.D
Acq On : 23 Apr 2021 19:05
Operator : SY/MD
Sample : M2149-15
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

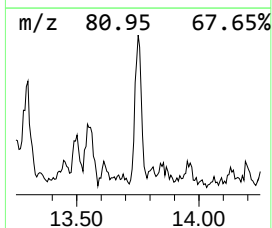
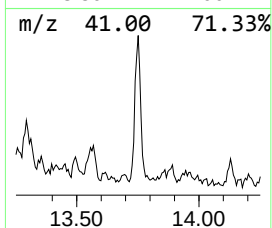
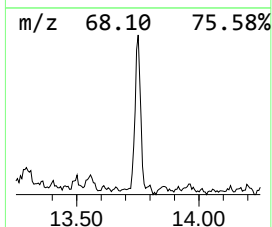
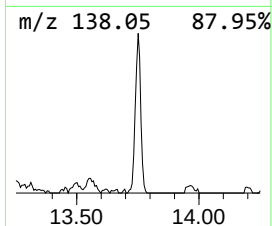
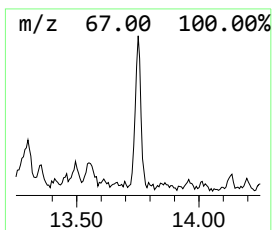
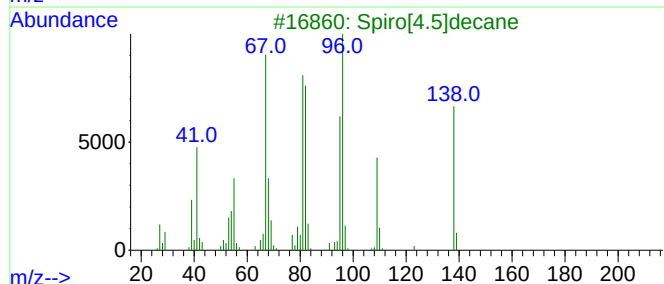
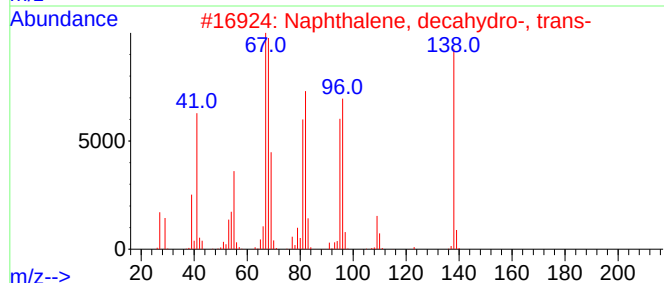
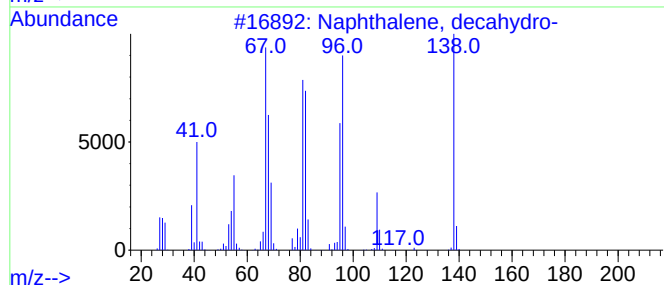
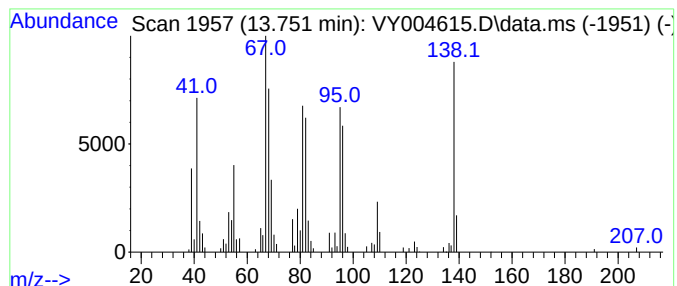
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	8.60 ug/l	80979	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3			Spiro[4.5]decane	138	C10H18	000176-63-6	90
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
5			Cyclodecene	138	C10H18	003618-12-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
Data File : VY004615.D
Acq On : 23 Apr 2021 19:05
Operator : SY/MD
Sample : M2149-15
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-...	12.008	5.8	ug/l	69469	3	11.496	603056	50.0
Cyclopentane, (...)	12.562	7.5	ug/l	70182	4	13.428	470536	50.0
2-Octene, 2,6-d...	12.648	11.6	ug/l	109286	4	13.428	470536	50.0
1-Decene	12.703	6.6	ug/l	61840	4	13.428	470536	50.0
unknown12.812	12.812	7.4	ug/l	69572	4	13.428	470536	50.0
Cyclohexene, 1-...	13.044	7.2	ug/l	67597	4	13.428	470536	50.0
Naphthalene, de...	13.751	8.6	ug/l	80979	4	13.428	470536	50.0