

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018141.D
 Acq On : 03 May 2024 14:34
 Operator : SY/MD
 Sample : P2330-21
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-4(0.5-1.5)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Title : SW846 8260

Signal : TIC: VY018141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	3	6	12	rVB2	10420	14287	1.26%	0.161%
2	3.936	339	347	358	rBV	20463	56189	4.94%	0.633%
3	4.192	382	389	396	rVB2	6283	16164	1.42%	0.182%
4	4.710	463	474	488	rBV3	30000	98911	8.69%	1.115%
5	6.978	837	846	854	rBV	11326	31711	2.79%	0.357%
6	7.710	956	966	972	rBV	158135	381282	33.51%	4.297%
7	7.783	972	978	990	rVB	274337	624054	54.84%	7.034%
8	8.136	1024	1036	1046	rBV	128276	283373	24.90%	3.194%
9	8.685	1116	1126	1138	rBV	440963	867096	76.20%	9.773%
10	10.179	1363	1371	1379	rBV	656603	1137892	100.00%	12.825%
11	11.087	1516	1520	1525	rVB5	9946	17443	1.53%	0.197%
12	11.294	1544	1554	1563	rBV5	10071	26117	2.30%	0.294%
13	11.386	1563	1569	1577	rVB4	6739	13592	1.19%	0.153%
14	11.490	1579	1586	1596	rBV	571302	936551	82.31%	10.556%
15	11.685	1612	1618	1619	rBV4	15681	26048	2.29%	0.294%
16	11.740	1623	1627	1631	rVB2	20575	31216	2.74%	0.352%
17	11.782	1631	1634	1638	rVB2	16062	23396	2.06%	0.264%
18	11.892	1647	1652	1656	rBV6	4879	11392	1.00%	0.128%
19	12.002	1663	1670	1674	rBV5	36841	89792	7.89%	1.012%
20	12.124	1686	1690	1693	rVB	12470	16375	1.44%	0.185%
21	12.166	1693	1697	1698	rBV2	9616	12665	1.11%	0.143%
22	12.203	1698	1703	1706	rVV4	24181	43705	3.84%	0.493%
23	12.246	1706	1710	1715	rVB4	30387	61875	5.44%	0.697%
24	12.325	1720	1723	1727	rVV5	9824	16773	1.47%	0.189%
25	12.374	1727	1731	1736	rVB6	9842	19253	1.69%	0.217%
26	12.483	1742	1749	1755	rBV	395166	634870	55.79%	7.156%
27	12.563	1755	1762	1769	rVV9	17280	54448	4.78%	0.614%
28	12.642	1771	1775	1783	rVB5	37746	74073	6.51%	0.835%
29	12.733	1783	1790	1793	rBV6	25864	53992	4.74%	0.609%
30	12.812	1793	1803	1808	rVV3	55463	141449	12.43%	1.594%
31	12.861	1808	1811	1815	rVV3	15227	23317	2.05%	0.263%
32	12.910	1815	1819	1823	rVV3	14841	24713	2.17%	0.279%
33	12.953	1823	1826	1836	rVV6	12189	33220	2.92%	0.374%
34	13.038	1837	1840	1849	rVB8	14226	32892	2.89%	0.371%
35	13.123	1849	1854	1858	rBV	45281	74543	6.55%	0.840%
36	13.318	1879	1886	1890	rBV5	12359	27878	2.45%	0.314%

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Integrator: RTE

Smoothing : ON

Filtering: 5

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Max Peaks: 100

Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	13.422	1897	1903	1913	rVB	388729	644189	56.61%	7.261%
38	13.629	1930	1937	1941	rBV	163276	263599	23.17%	2.971%
39	13.745	1951	1956	1961	rBV8	13325	22766	2.00%	0.257%
40	13.806	1963	1966	1974	rVB3	9103	17021	1.50%	0.192%
41	13.965	1988	1992	1998	rVB2	25840	43239	3.80%	0.487%
42	14.081	2006	2011	2016	rBV	26899	38878	3.42%	0.438%
43	14.294	2037	2046	2049	rBV7	12328	27583	2.42%	0.311%
44	14.337	2049	2053	2057	rBV	10340	16248	1.43%	0.183%
45	14.562	2086	2090	2096	rVV2	25905	41073	3.61%	0.463%
46	14.684	2103	2110	2116	rVB2	59178	104157	9.15%	1.174%
47	14.830	2130	2134	2138	rBV5	8670	13697	1.20%	0.154%
48	14.940	2148	2152	2156	rBV5	6810	11503	1.01%	0.130%
49	15.056	2168	2171	2176	rVB3	9336	16358	1.44%	0.184%
50	15.160	2182	2188	2191	rBV7	6130	11762	1.03%	0.133%
51	15.233	2194	2200	2208	rVV	240504	412283	36.23%	4.647%
52	15.330	2210	2216	2223	rVV	48610	99296	8.73%	1.119%
53	15.397	2223	2227	2232	rVB4	7389	13906	1.22%	0.157%
54	15.525	2243	2248	2254	rBV	9670	16131	1.42%	0.182%
55	15.696	2269	2276	2279	rBV6	7054	16018	1.41%	0.181%
56	16.233	2354	2364	2366	rBV5	9752	27412	2.41%	0.309%
57	16.294	2366	2374	2385	rVV	281107	581774	51.13%	6.557%
58	16.489	2398	2406	2415	rVB	190942	400757	35.22%	4.517%

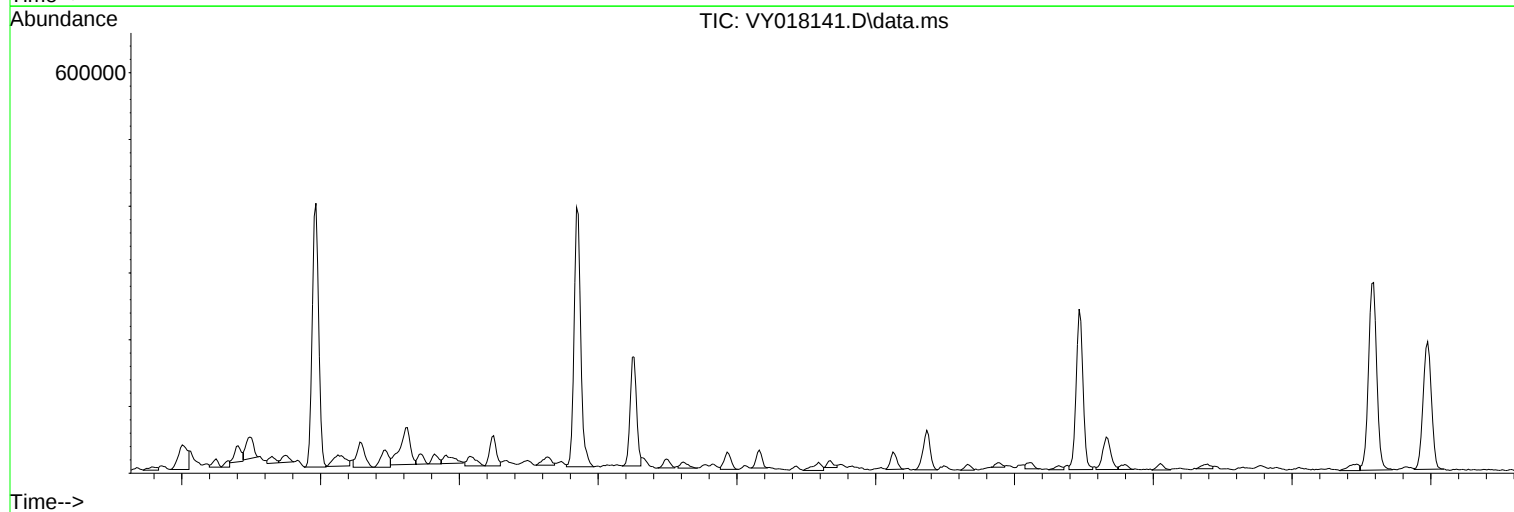
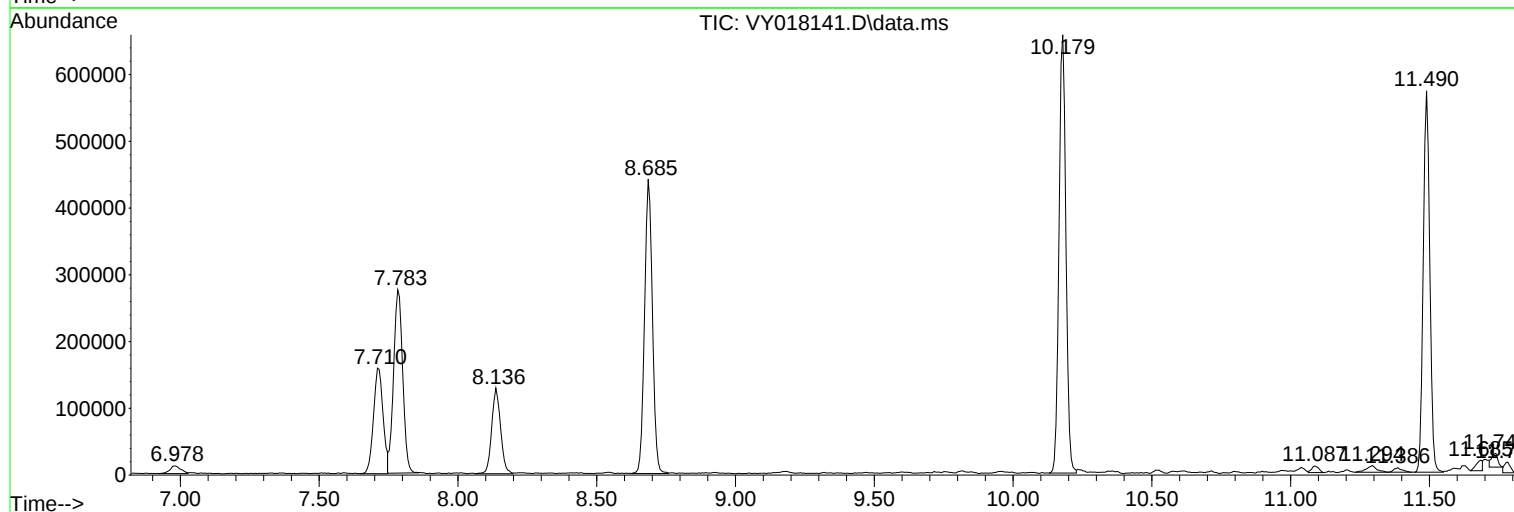
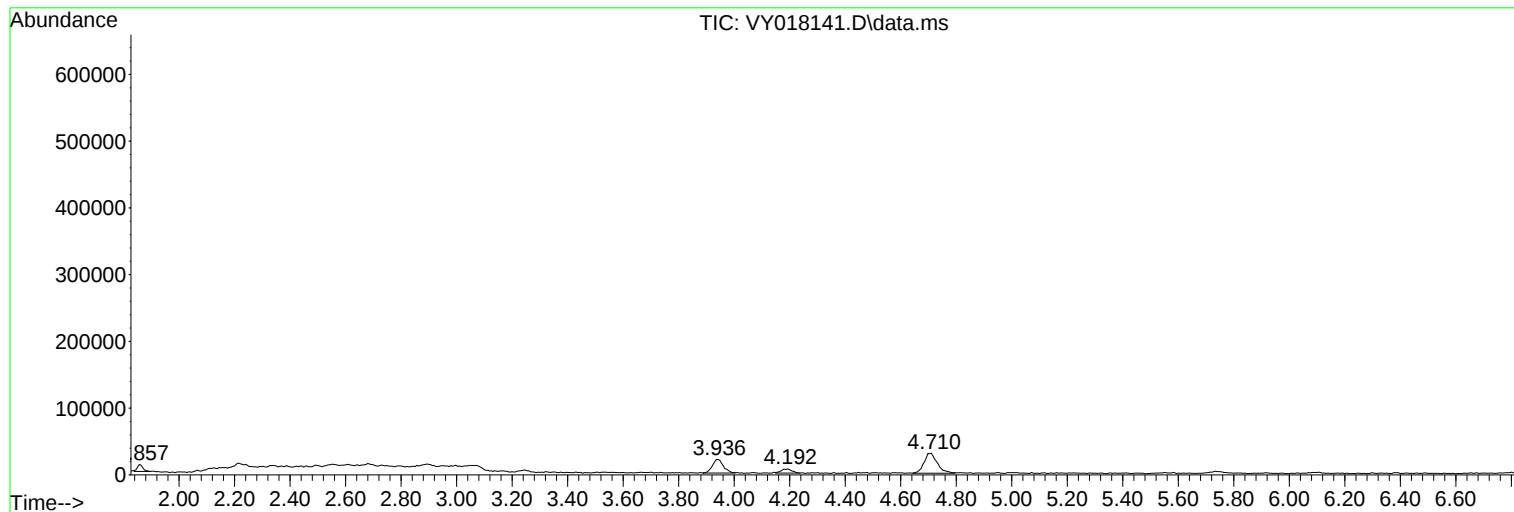
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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H-4(0.5-1.5)

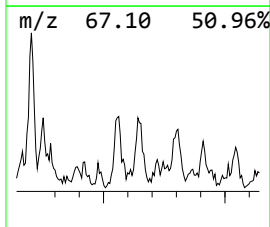
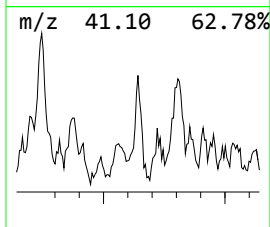
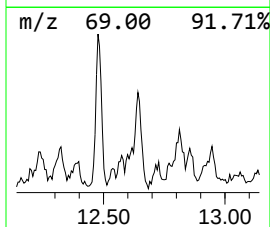
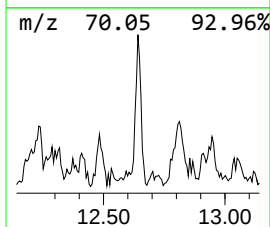
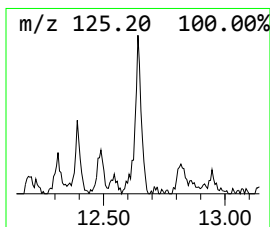
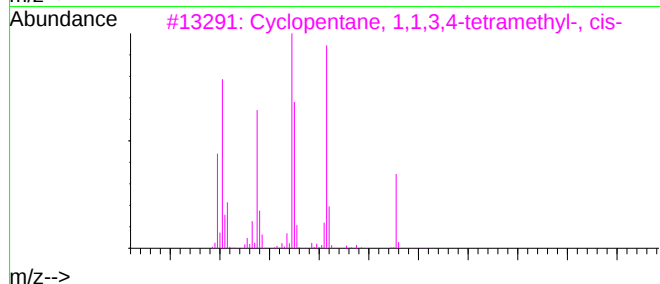
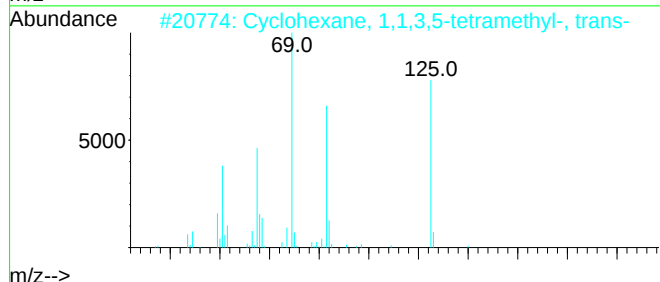
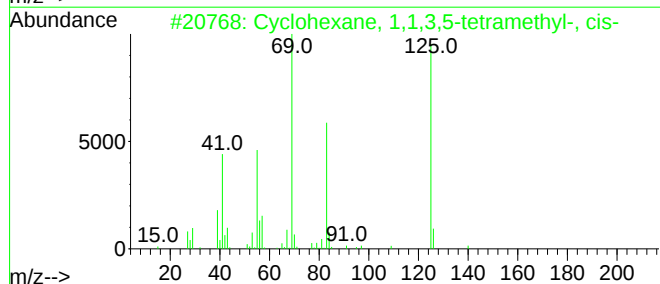
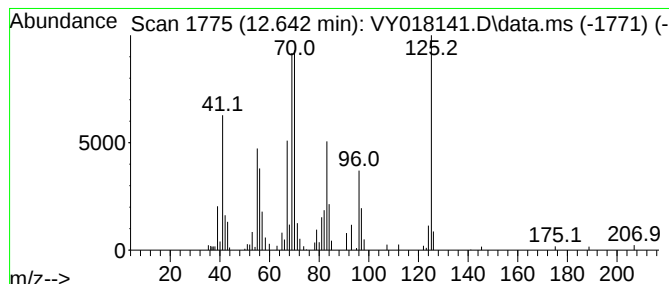
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown12.642 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.642	5.75 ug/l	74073	1,4-Dichlorobenzene-d4	13.428	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	27
4	Hexanenitrile, 5-methyl-	111	C7H13N	019424-34-1	22
5	2(1H)-Pyridinone, 4-hydroxy-6-me...	125	C6H7NO2	003749-51-7	18



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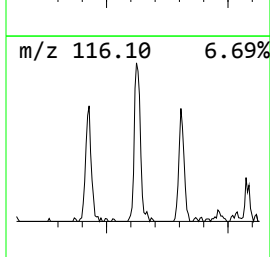
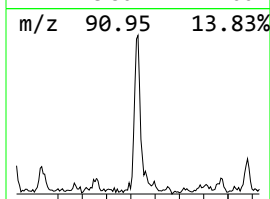
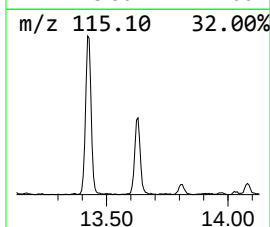
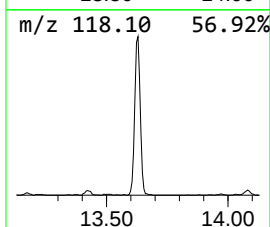
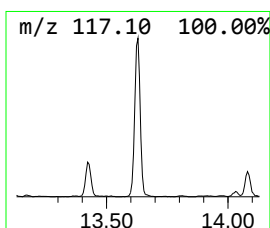
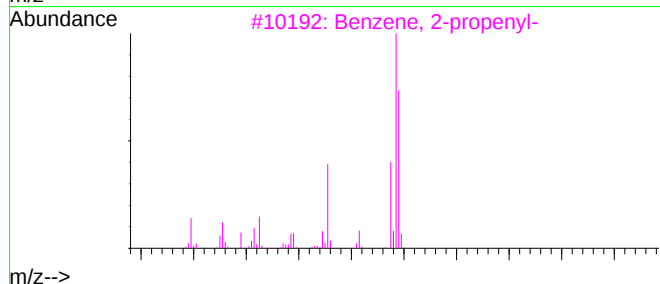
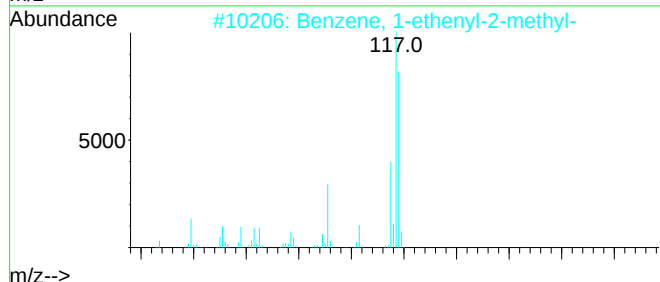
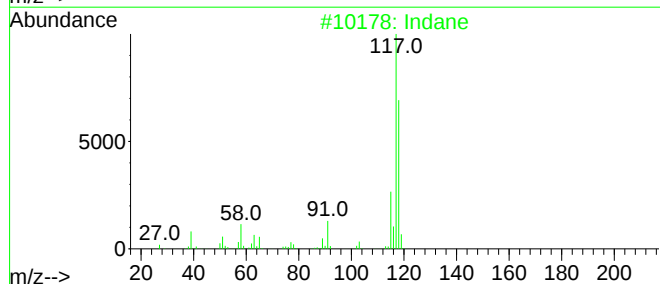
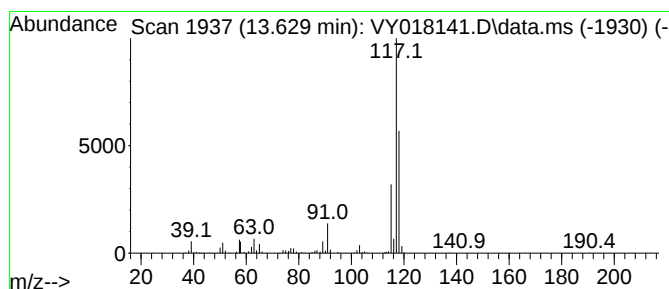
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	20.46 ug/l	263599	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Deltacyclene	118	C9H10	007785-10-6	53



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
H-4(0.5-1.5)

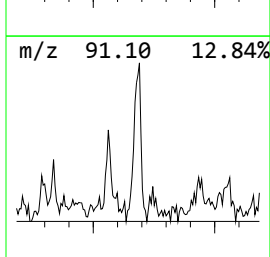
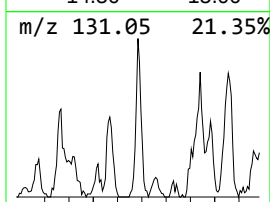
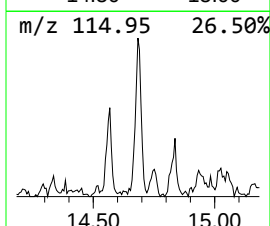
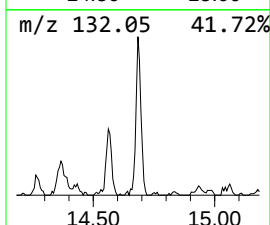
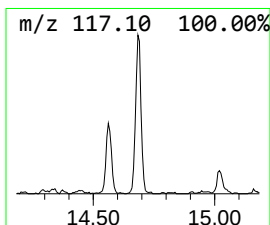
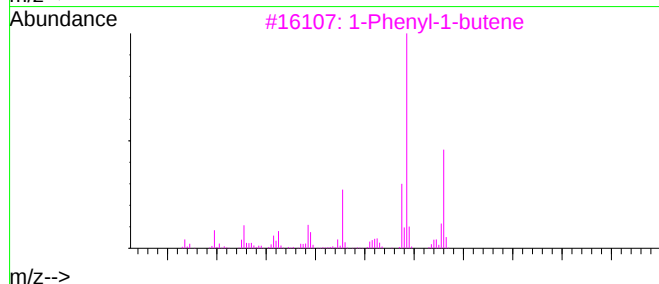
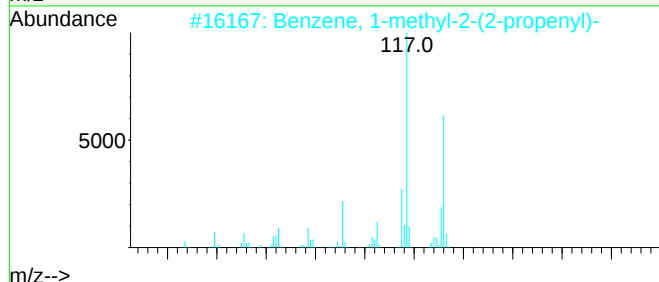
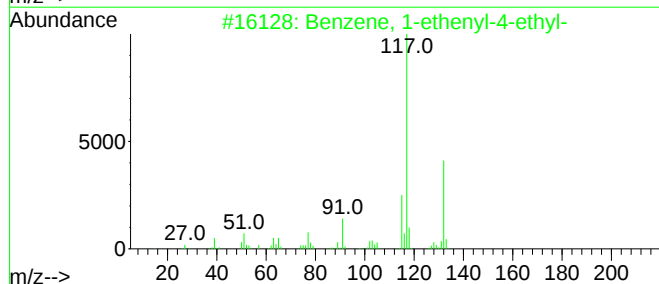
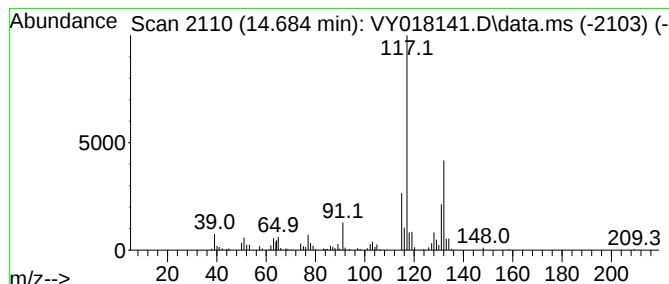
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
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TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.684	8.08 ug/l	104157	1,4-Dichlorobenzene-d4		13.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-		132	C10H12	003454-07-7	94
2	Benzene, 1-methyl-2-(2-propenyl)-		132	C10H12	001587-04-8	87
3	1-Phenyl-1-butene		132	C10H12	000824-90-8	87
4	1H-Indene, 2,3-dihydro-5-methyl-		132	C10H12	000874-35-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-		132	C10H12	000824-22-6	87



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Quant Title : SW846 8260

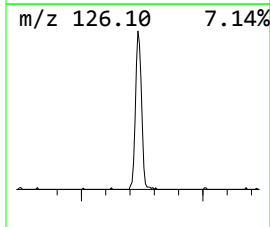
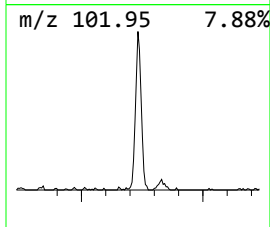
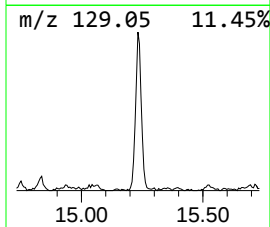
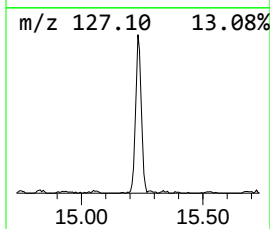
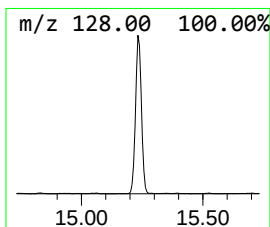
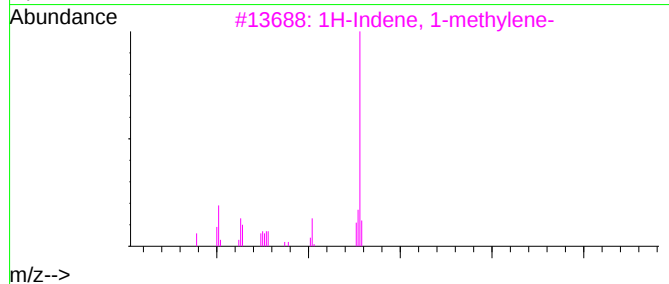
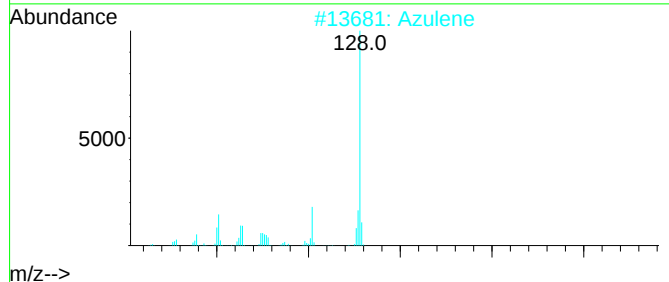
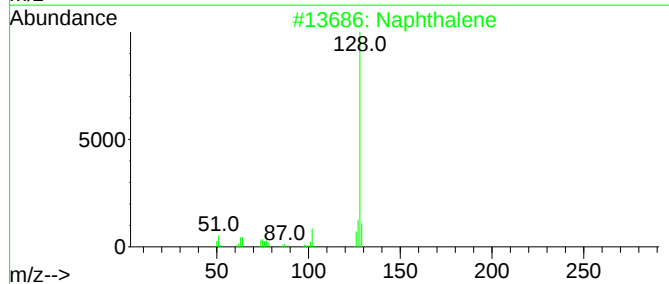
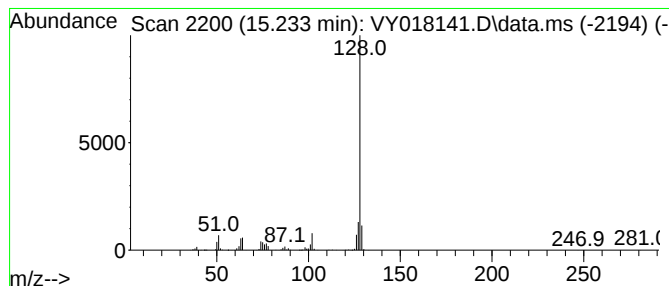
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	32.00 ug/l	412283	1,4-Dichlorobenzene-d4	13.428

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	90
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5	4-Fluorothiophenol	128	C6H5FS	000371-42-6	56



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ClientSampleId :
H-4(0.5-1.5)

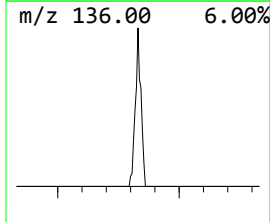
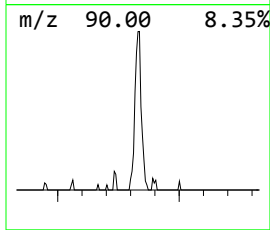
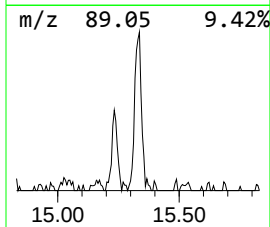
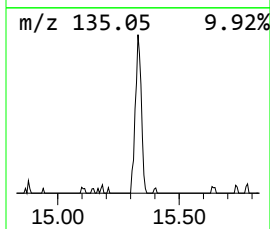
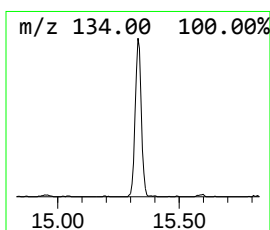
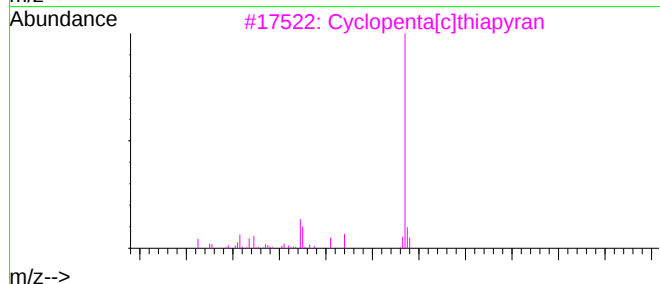
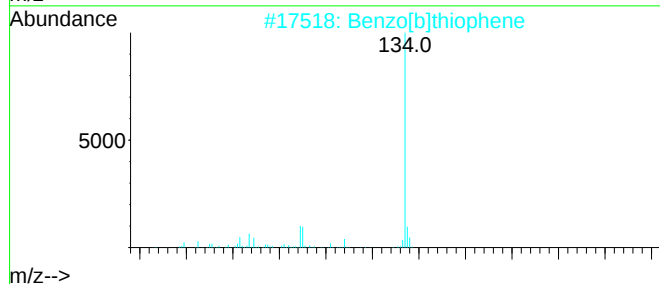
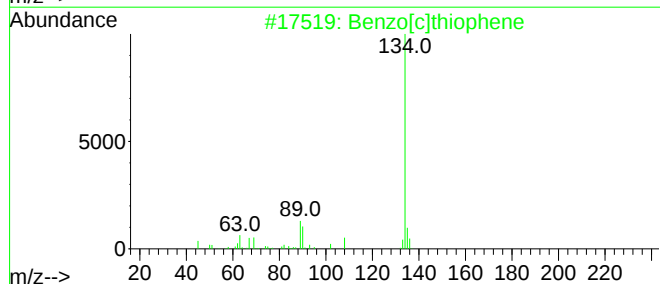
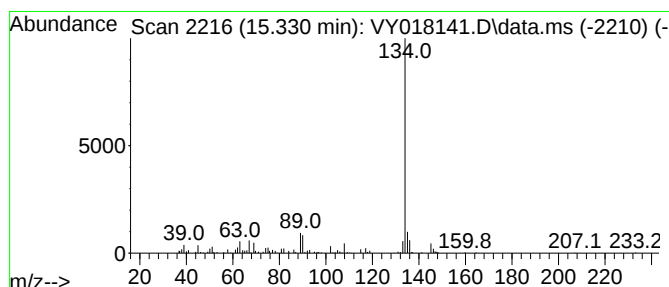
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Quant Title : SW846 8260

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

Peak Number 5 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	7.71 ug/l	99296	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	(5E)-(E)-5-Benzylidene-2-thioxot...	221	C10H7NOS2	1000497-38-8	78
5	Thiazole, 2-methyl-4-phenyl-	175	C10H9NS	001826-16-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
Data File : VY018141.D
Acq On : 03 May 2024 14:34
Operator : SY/MD
Sample : P2330-21
Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
H-4(0.5-1.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

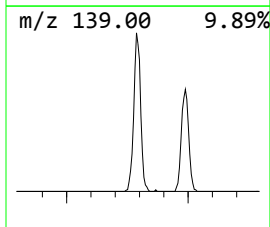
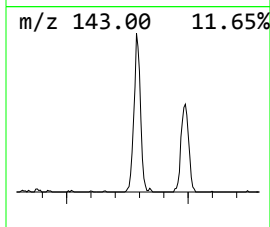
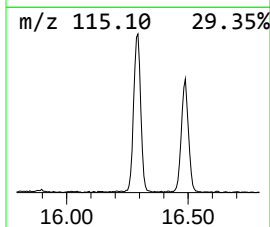
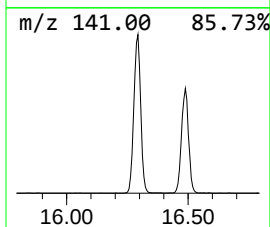
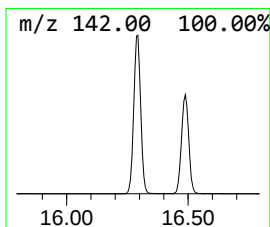
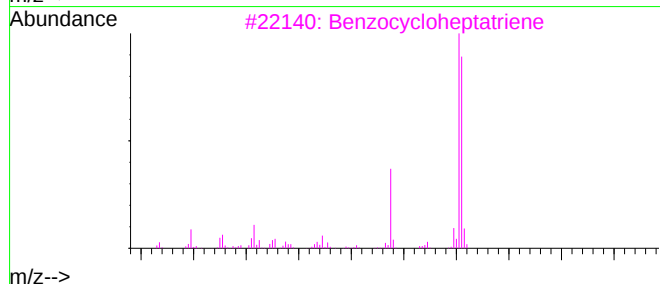
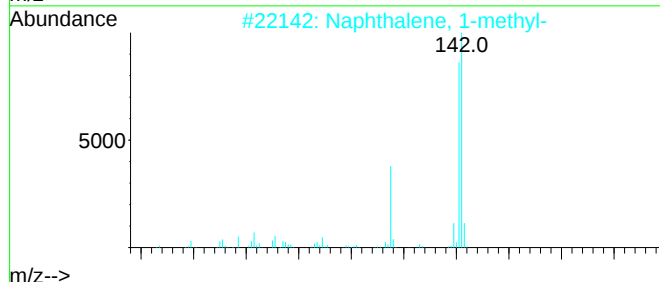
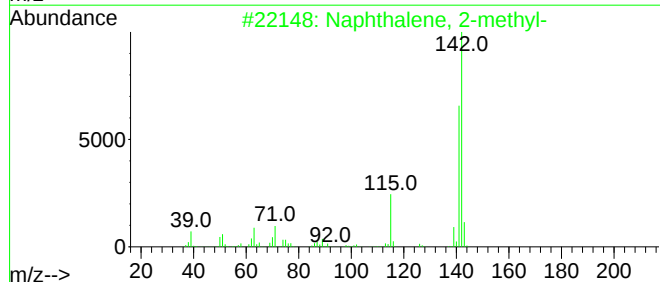
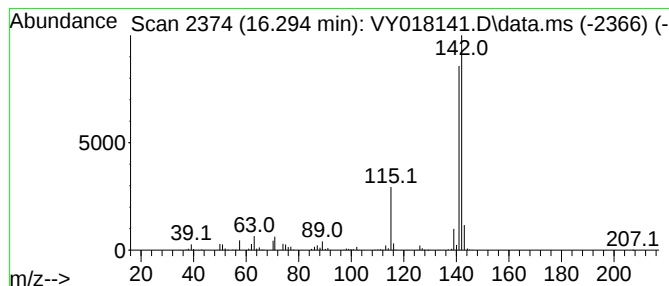
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	45.16 ug/l	581774	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
Data File : VY018141.D
Acq On : 03 May 2024 14:34
Operator : SY/MD
Sample : P2330-21
Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
H-4(0.5-1.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

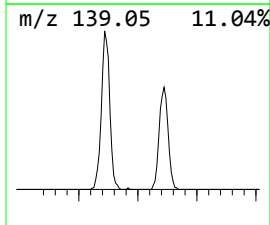
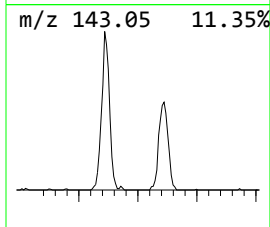
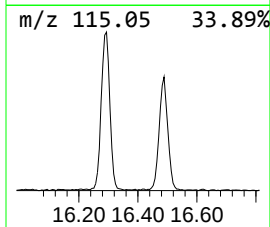
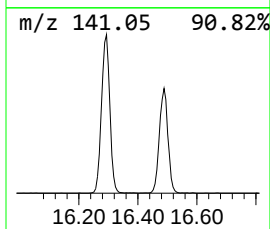
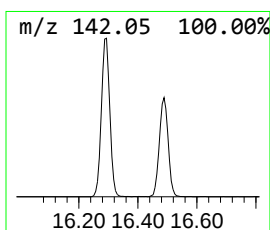
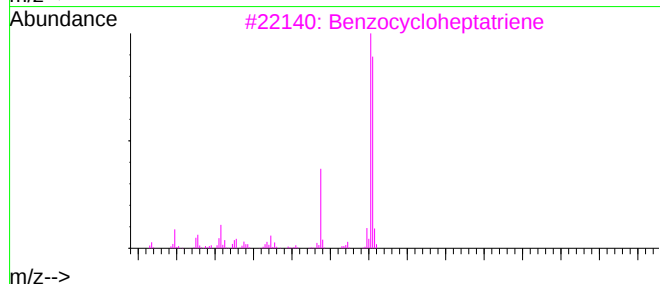
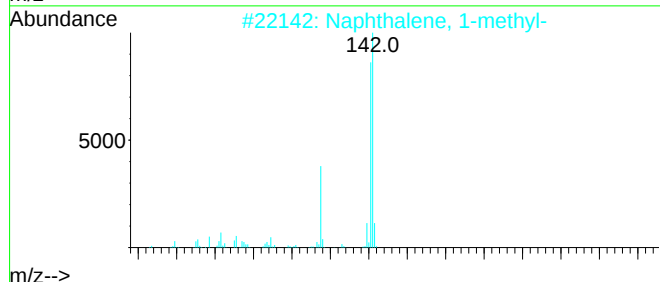
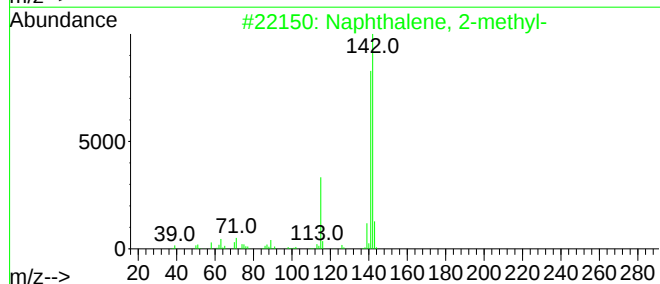
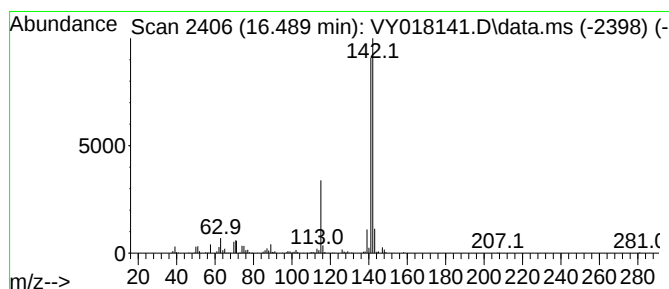
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	31.11 ug/l	400757	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
Data File : VY018141.D
Acq On : 03 May 2024 14:34
Operator : SY/MD
Sample : P2330-21
Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
H-4(0.5-1.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown12.642	12.642	5.8	ug/l	74073	4	13.428	644189	50.0
Indane	13.629	20.5	ug/l	263599	4	13.428	644189	50.0
Benzene, 1-ethe...	14.684	8.1	ug/l	104157	4	13.428	644189	50.0
Azulene	15.233	32.0	ug/l	412283	4	13.428	644189	50.0
Benzo[c]thiophene	15.330	7.7	ug/l	99296	4	13.428	644189	50.0
Benzocyclohepta...	16.294	45.2	ug/l	581774	4	13.428	644189	50.0
1,4-Methanonaph...	16.489	31.1	ug/l	400757	4	13.428	644189	50.0