

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023629.D
 Acq On : 30 Oct 2025 13:50
 Operator : SY/MD
 Sample : Q3488-04
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-25-0302-0310

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\82Y100725S.M
 Title : SW846 8260

Signal : TIC: VY023629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.640	956	971	976	rBV	508441	1235180	3.04%	0.789%
2	7.713	976	983	992	rVB	969509	2265710	5.59%	1.446%
3	8.067	1032	1041	1053	rBV	416841	974270	2.40%	0.622%
4	8.250	1053	1071	1081	rBV	570386	1451108	3.58%	0.926%
5	8.615	1122	1131	1146	rBV	1318217	2596294	6.40%	1.658%
6	9.109	1198	1212	1219	rBV2	1263164	2737033	6.75%	1.747%
7	9.542	1276	1283	1294	rVB	559583	1126352	2.78%	0.719%
8	9.676	1294	1305	1312	rBV	700425	1569227	3.87%	1.002%
9	9.749	1312	1317	1321	rBV	336768	592496	1.46%	0.378%
10	9.890	1329	1340	1351	rBV	413304	956042	2.36%	0.610%
11	10.042	1359	1365	1370	rBV	729541	1188034	2.93%	0.758%
12	10.109	1370	1376	1381	rVV	1978212	3356171	8.27%	2.143%
13	10.170	1381	1386	1393	rVB	1275261	2164978	5.34%	1.382%
14	10.298	1399	1407	1414	rVB	476625	873477	2.15%	0.558%
15	10.566	1442	1451	1459	rVB4	184492	489793	1.21%	0.313%
16	11.206	1548	1556	1567	rVB3	528653	1217238	3.00%	0.777%
17	11.310	1567	1573	1577	rBV	448914	732891	1.81%	0.468%
18	11.414	1583	1590	1596	rBV2	1468104	2663740	6.57%	1.701%
19	11.517	1599	1607	1616	rVB	5503027	8996223	22.18%	5.743%
20	11.627	1616	1625	1636	rBV	23036420	40567027	100.00%	25.899%
21	11.956	1668	1679	1687	rBV	11760429	18339466	45.21%	11.708%
22	12.255	1722	1728	1733	rBV	1229714	1823247	4.49%	1.164%
23	12.413	1744	1754	1763	rVB3	1831934	5072733	12.50%	3.239%
24	12.596	1779	1784	1788	rVB	1558832	2326959	5.74%	1.486%
25	12.657	1788	1794	1797	rBV	7069508	10504979	25.90%	6.707%
26	12.688	1797	1799	1803	rVV	3080714	4167460	10.27%	2.661%
27	12.737	1803	1807	1822	rVB	3452991	5776630	14.24%	3.688%
28	12.895	1826	1833	1841	rBV	2433683	3807522	9.39%	2.431%
29	12.993	1846	1849	1852	rVB	378742	439554	1.08%	0.281%
30	13.041	1852	1857	1863	rVB	11434516	16280827	40.13%	10.394%
31	13.206	1880	1884	1887	rBV	347940	463206	1.14%	0.296%
32	13.377	1900	1912	1922	rVB3	2278527	5041922	12.43%	3.219%
33	13.541	1935	1939	1943	rBV	910848	1349884	3.33%	0.862%
34	13.584	1943	1946	1955	rVB2	806681	1458895	3.60%	0.931%
35	13.803	1978	1982	1985	rBV	354352	543125	1.34%	0.347%
36	13.889	1991	1996	2002	rVB2	671919	1002682	2.47%	0.640%

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Instrument :
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ClientSampleId :
MOO-25-0302-0310

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\82Y100725S.M
Title : SW846 8260

37	14.596	2106	2112	2117	rBV3	220995	483129	1.19%	0.308%
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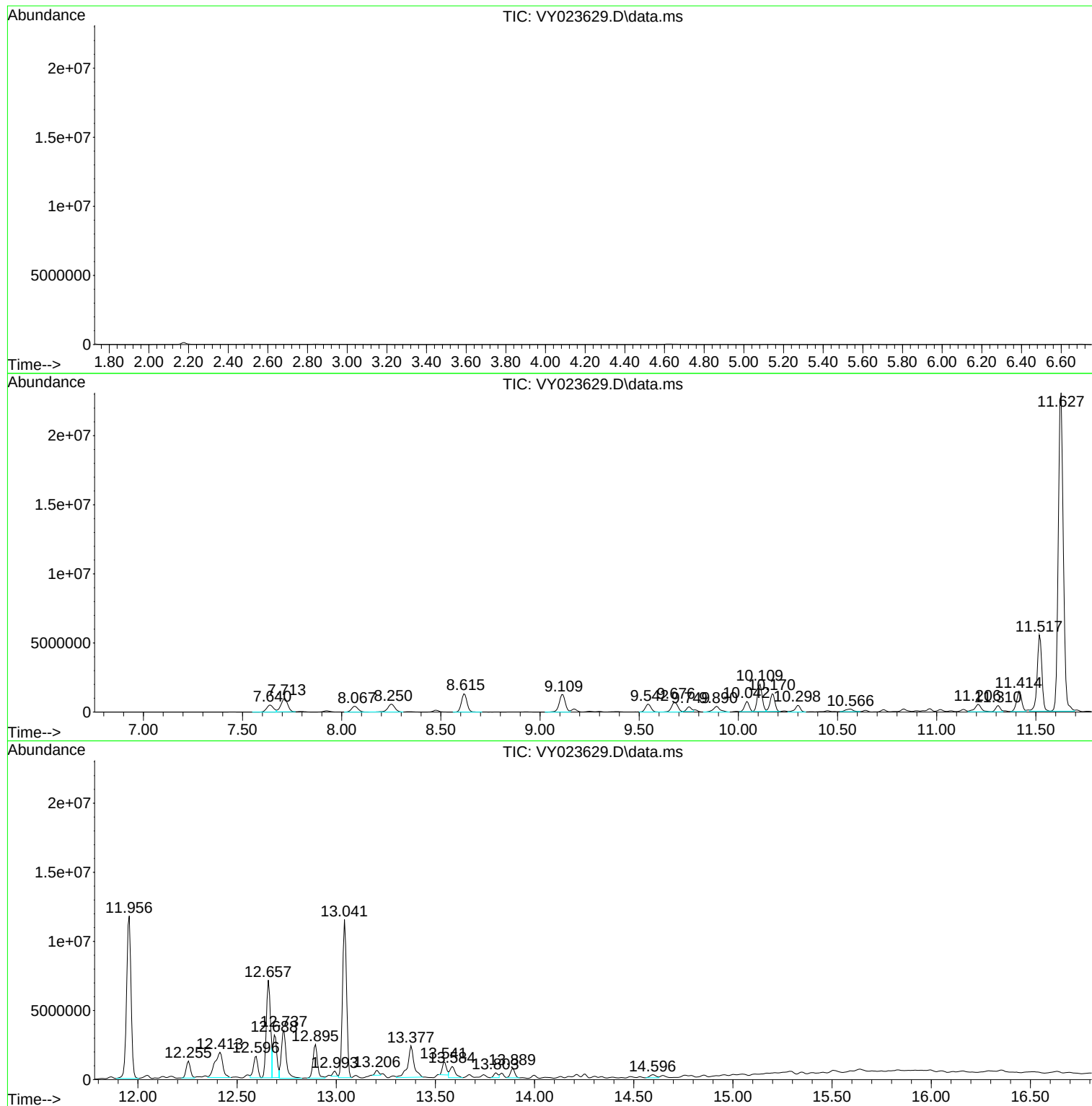
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
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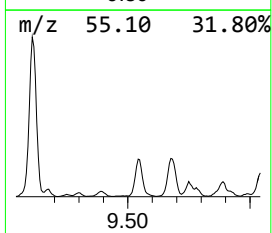
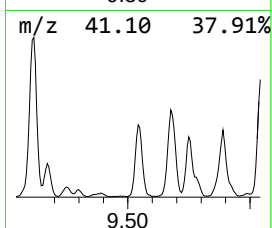
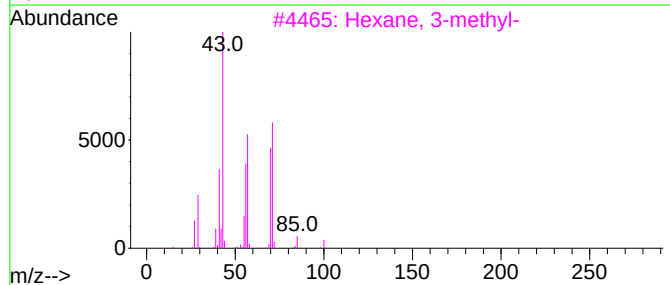
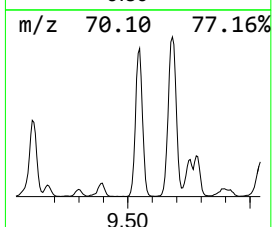
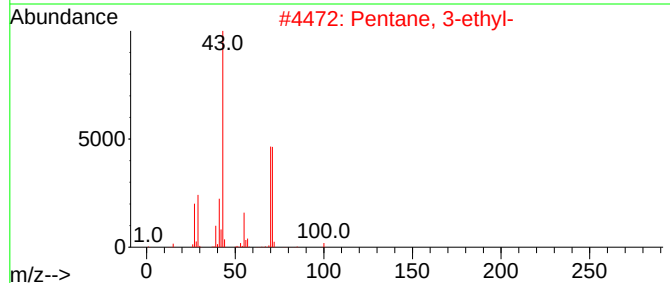
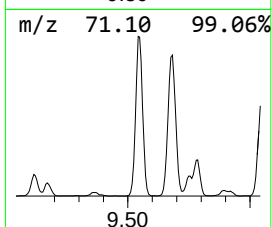
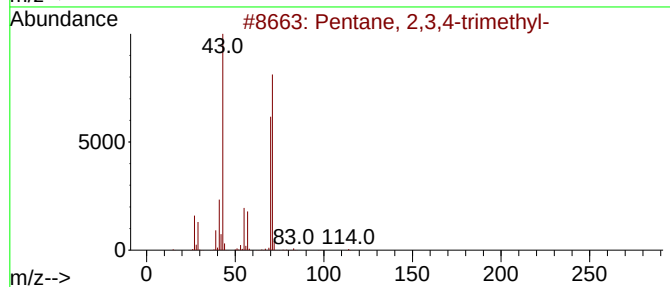
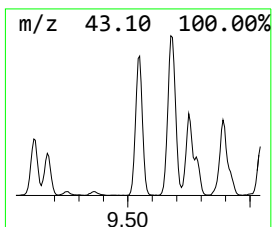
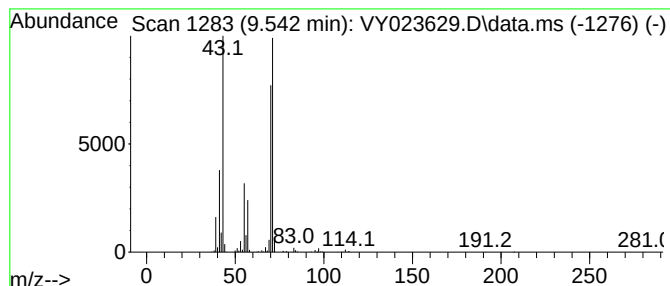
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.542	21.69 ug/l	1126350	1,4-Difluorobenzene	8.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0302-0310

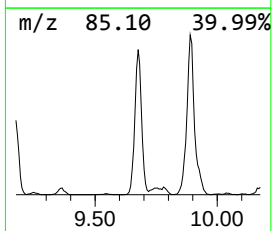
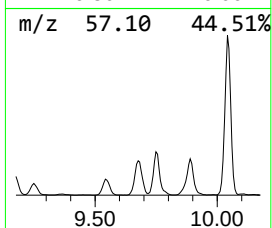
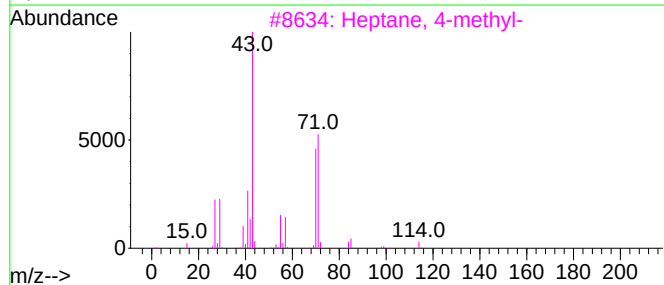
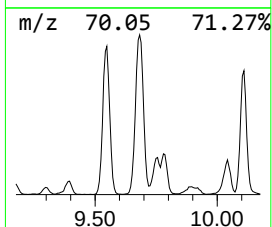
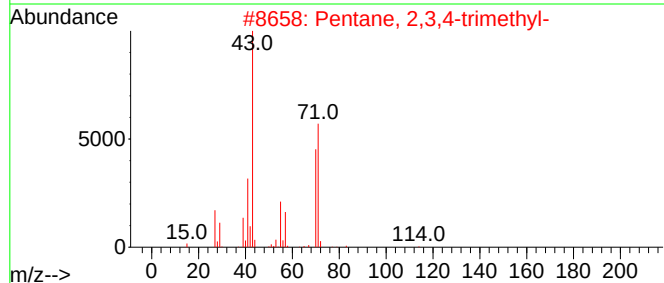
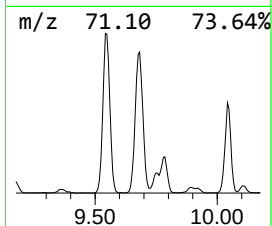
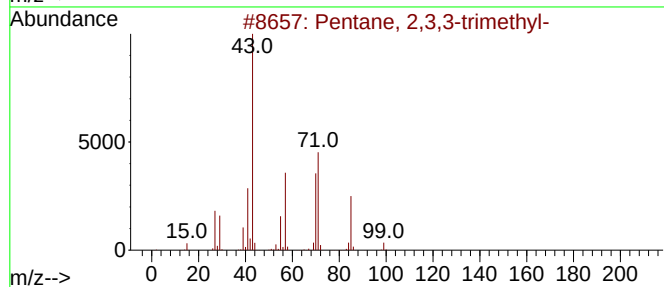
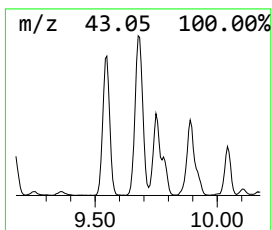
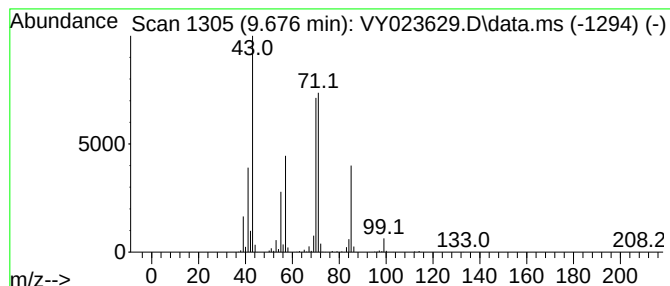
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.676	30.22 ug/l	1569230	1,4-Difluorobenzene	8.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5			Pentane, 3-ethyl-	100	C7H16	000617-78-7	58



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Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0302-0310

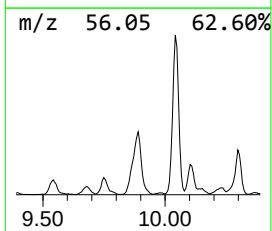
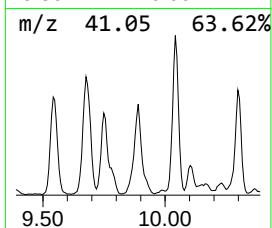
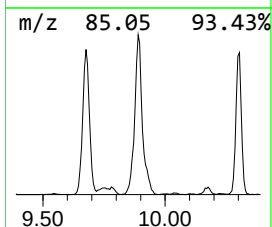
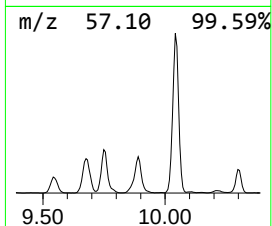
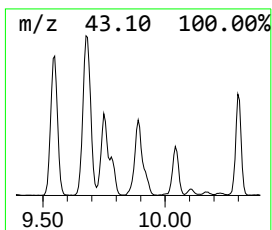
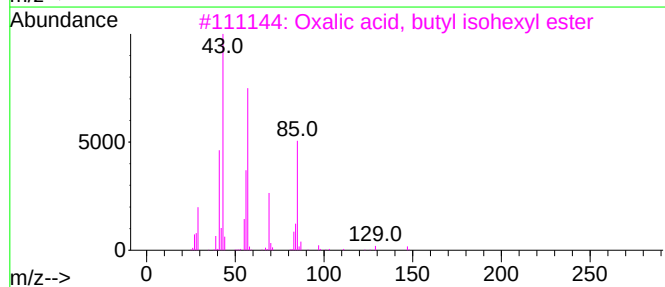
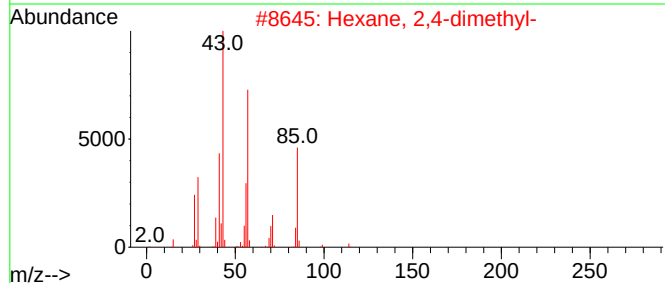
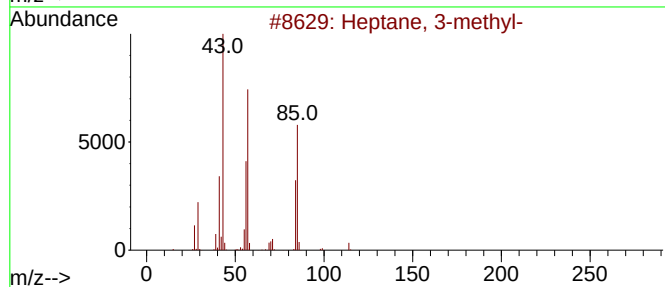
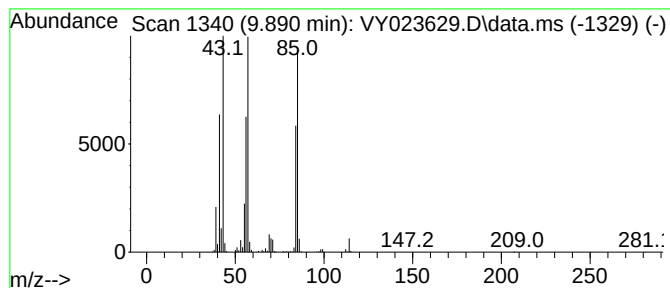
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 4 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	18.41 ug/l	956042	1,4-Difluorobenzene	8.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4			Nonane, 5-methyl-	142	C10H22	015869-85-9	64
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0302-0310

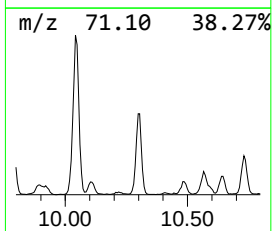
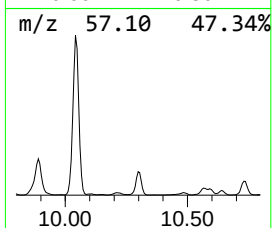
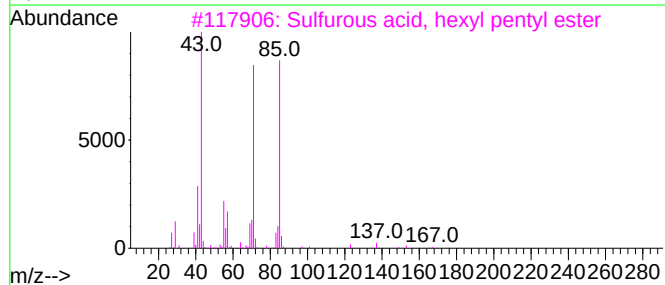
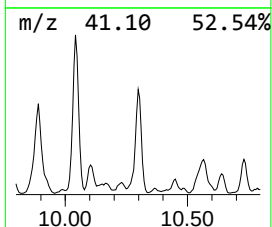
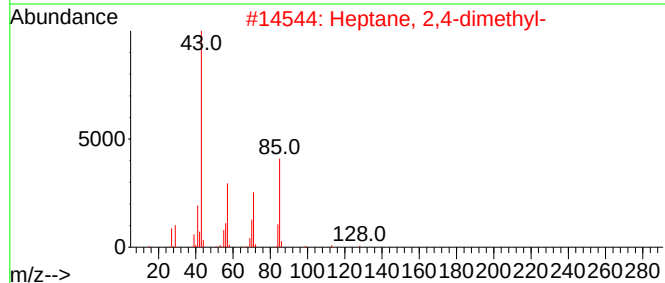
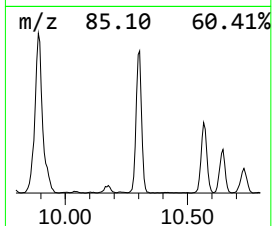
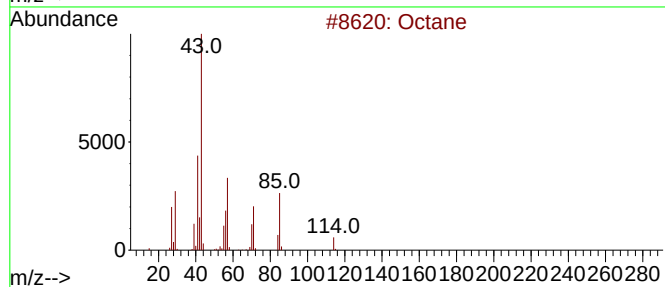
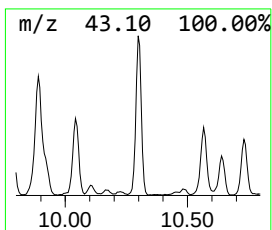
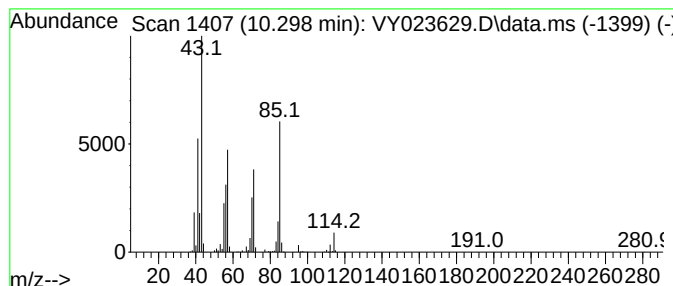
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 6 Octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	16.40 ug/l	873477	Chlorobenzene-d5	11.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	91
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50



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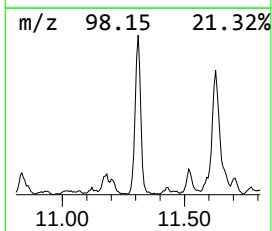
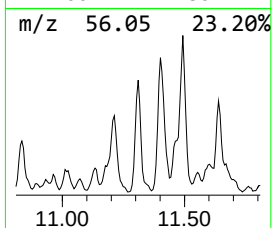
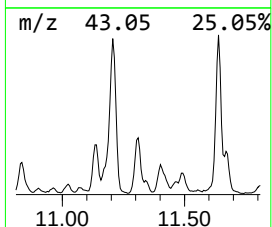
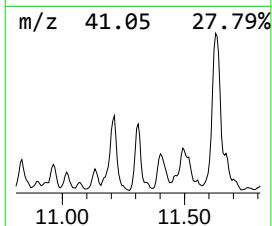
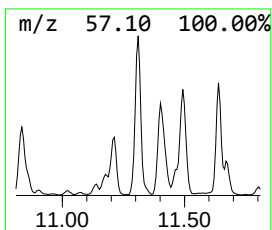
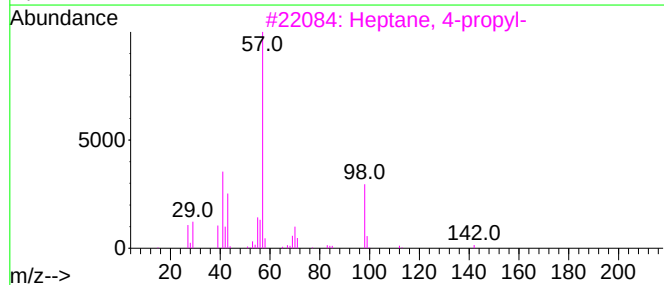
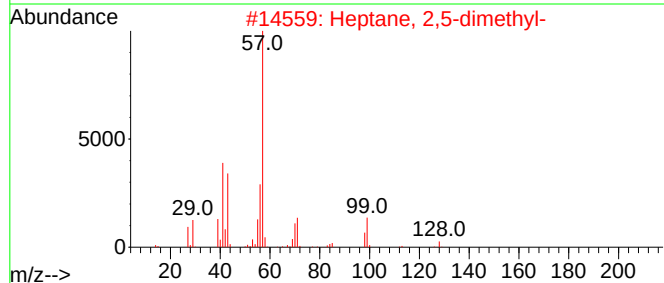
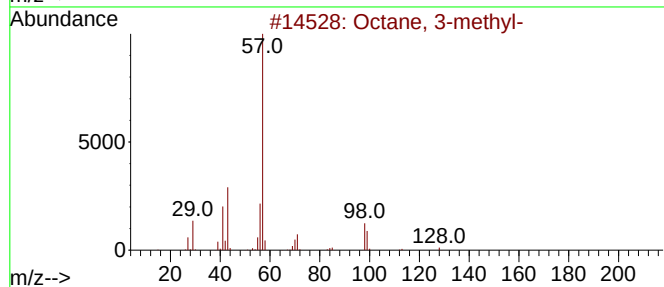
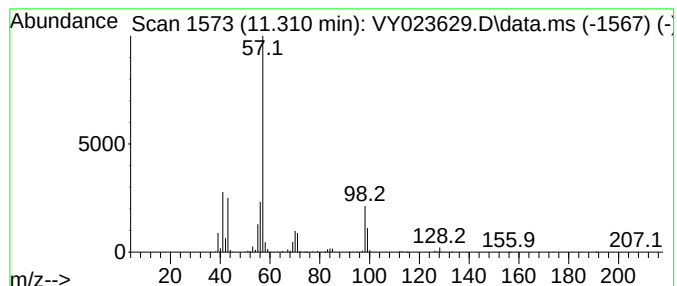
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.310	13.76 ug/l	732891	Chlorobenzene-d5	11.420	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	86
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023629.D
Acq On : 30 Oct 2025 13:50
Operator : SY/MD
Sample : Q3488-04
Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0302-0310

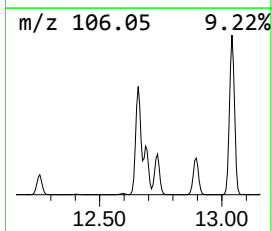
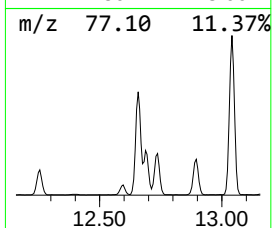
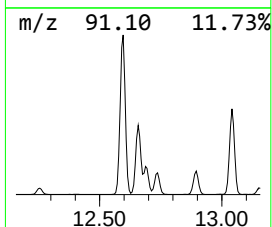
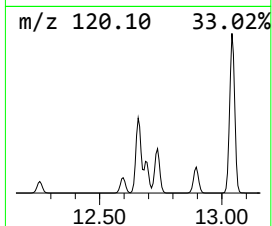
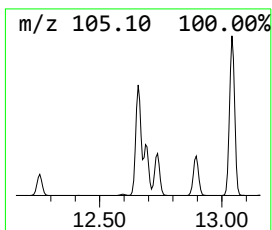
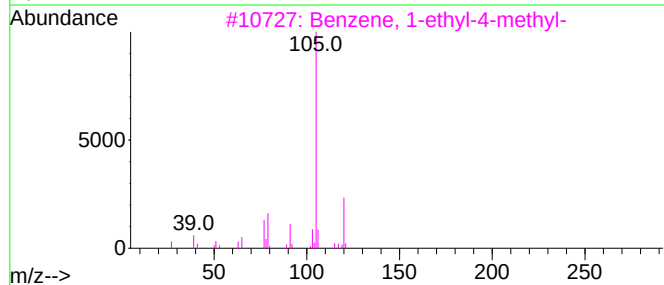
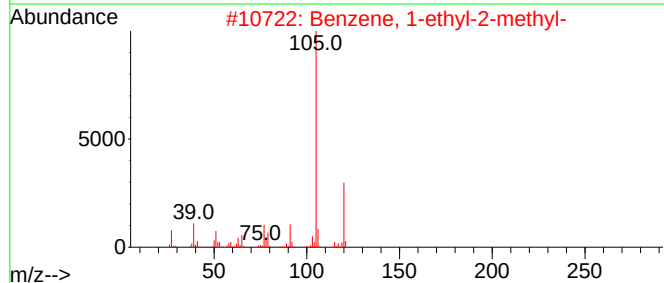
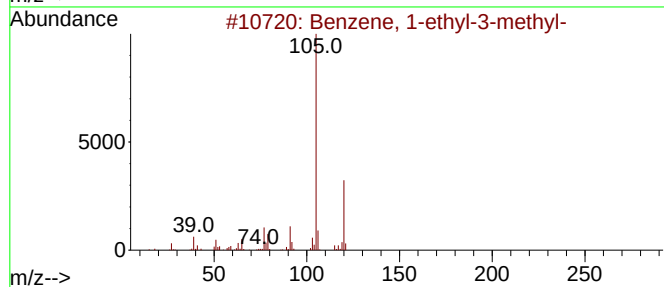
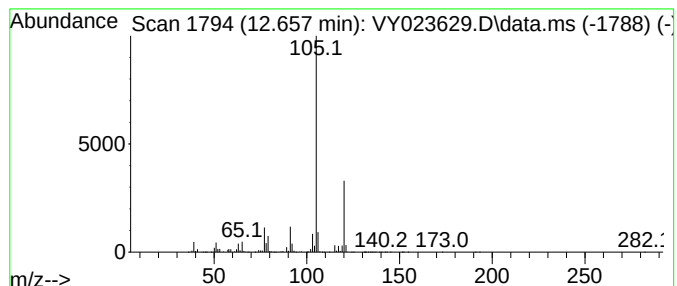
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	104.18 ug/l	10505000	1,4-Dichlorobenzene-d4	13.346

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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023629.D
Acq On : 30 Oct 2025 13:50
Operator : SY/MD
Sample : Q3488-04
Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0302-0310

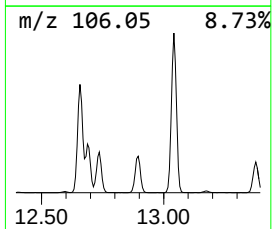
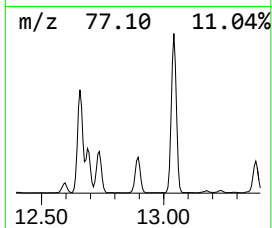
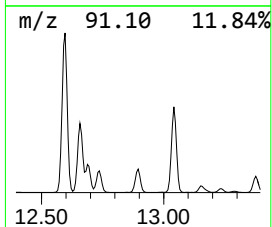
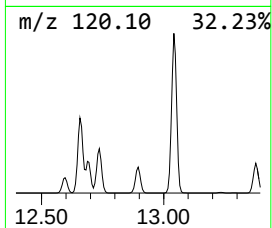
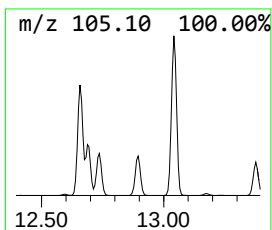
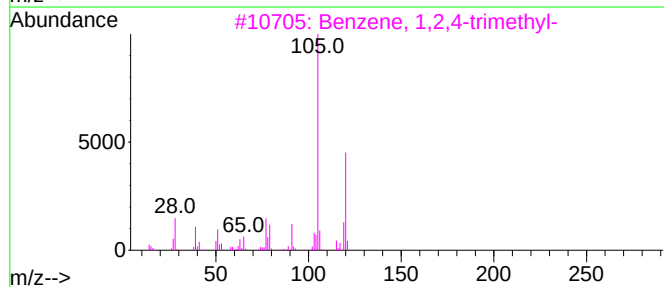
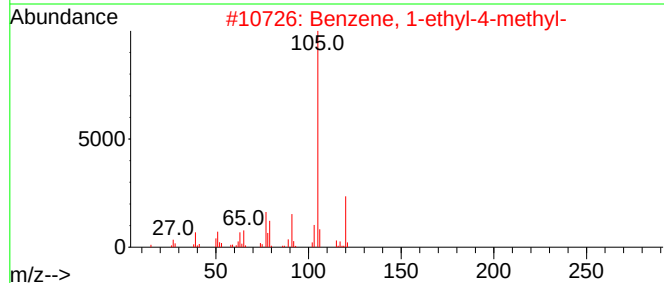
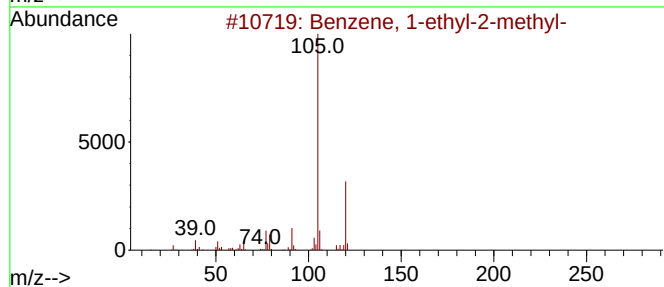
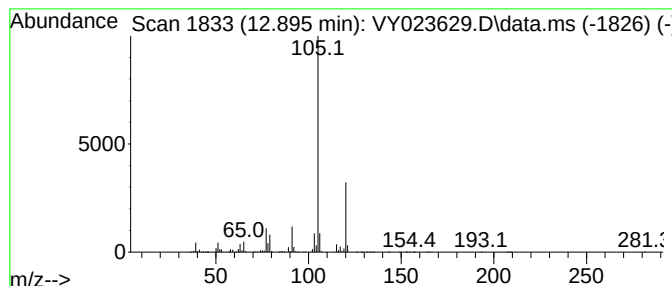
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	37.76 ug/l	3807520	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023629.D
Acq On : 30 Oct 2025 13:50
Operator : SY/MD
Sample : Q3488-04
Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0302-0310

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3,4-...	9.542	21.7	ug/l	1126350	2	8.615	2596290	50.0
Pentane, 2,3,3-...	9.676	30.2	ug/l	1569230	2	8.615	2596290	50.0
Heptane, 3-methyl-	9.890	18.4	ug/l	956042	2	8.615	2596290	50.0
Octane	10.298	16.4	ug/l	873477	3	11.420	2663740	50.0
Octane, 3-methyl-	11.310	13.8	ug/l	732891	3	11.420	2663740	50.0
Benzene, 1-ethy...	12.657	104.2	ug/l	10505000	4	13.346	5041920	50.0
Benzene, 1-ethy...	12.895	37.8	ug/l	3807520	4	13.346	5041920	50.0