LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

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\82Y020124S.M
Title : SW846 8260

Signal : TIC: VY017240.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.899	171	177	187	rVB2	9525	21375	6.90%	0.827%
2	4.716	463	475	491	rBV3	8478	30039	9.69%	1.162%
3	5.747	637	644	654	rBV5	2306	7305	2.36%	0.283%
4	6.691	788	799	812	rVB2	8752	29376	9.48%	1.136%
5	6.996	841	849	856	rBV3	1696	5286	1.71%	0.204%
6	7.722	959	968	974	rBV	33252	81479	26.29%	3.151%
7	7.795	974	980	987	rVV2	73812	165367	53.36%	6.396%
8	7.874	987	993	1006	rVV	27438	69297	22.36%	2.680%
9	8.149	1028	1038	1049	rBV	28633	62851	20.28%	2.431%
10	8.331	1058	1068	1079	rBV	104544	244548	78.91%	9.458%
11	8.697	1120	1128	1141	rBV	132877	260395	84.02%	10.071%
12	9.197	1203	1210	1214	rBV2	10738	21560	6.96%	0.834%
13	9.246	1214	1218	1224	rVV2	13062	25396	8.19%	0.982%
14	9.325	1226	1231	1240	rVB	9532	20024	6.46%	0.774%
15	9.624	1273	1280	1289	rBV	63590	122760	39.61%	4.748%
16	9.758	1294	1302	1311	rBV	53828	112635	36.34%	4.356%
17	9.947	1324	1333	1344	rBV5	2907	6577	2.12%	0.254%
18	10.118	1354	1361	1367	rBV	20789	37996	12.26%	1.469%
19	10.191	1367	1373	1378	rVV	157125	266252	85.91%	10.297%
20	10.252	1378	1383	1393	rVB	126264	214895	69.34%	8.311%
21	10.587	1430	1438	1443	rBV3	3801	7465	2.41%	0.289%
22	10.642	1443	1447	1456	rVB4	3988	7135	2.30%	0.276%
23	11.502	1579	1588	1594	rBV	184344	309916	100.00%	11.986%
24	11.575	1597	1600	1602	rVV2	3274	5264	1.70%	0.204%
25	11.599	1602	1604	1611	rVB	4669	6237	2.01%	0.241%
26	11.709	1616	1622	1626	rVV3	4174	7364	2.38%	0.285%
27	11.752	1626	1629	1634	rVB3	2052	3364	1.09%	0.130%
28	12.489	1742	1750	1759	rBV2	94248	158512	51.15%	6.130%
29	12.636	1769	1774	1779	rBV3	2348	4571	1.47%	0.177%
30	12.843	1801	1808	1815	rBV6	2592	6174	1.99%	0.239%
31	13.074	1842	1846	1850	rVB	2547	3623	1.17%	0.140%
32	13.129	1850	1855	1860	rVB2	2892	3746	1.21%	0.145%
33	13.288	1874	1881	1886	rBV4	3014	5698	1.84%	0.220%
34	13.434	1896	1905	1911	rBV	152017	237729	76.71%	9.194%
35	13.483	1911	1913	1921	rVB4	4685	9075	2.93%	0.351%
36	13.648	1935	1940	1948	rVB7	1809	4359	1.41%	0.169%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

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\82Y020124S.M
Title : SW846 8260

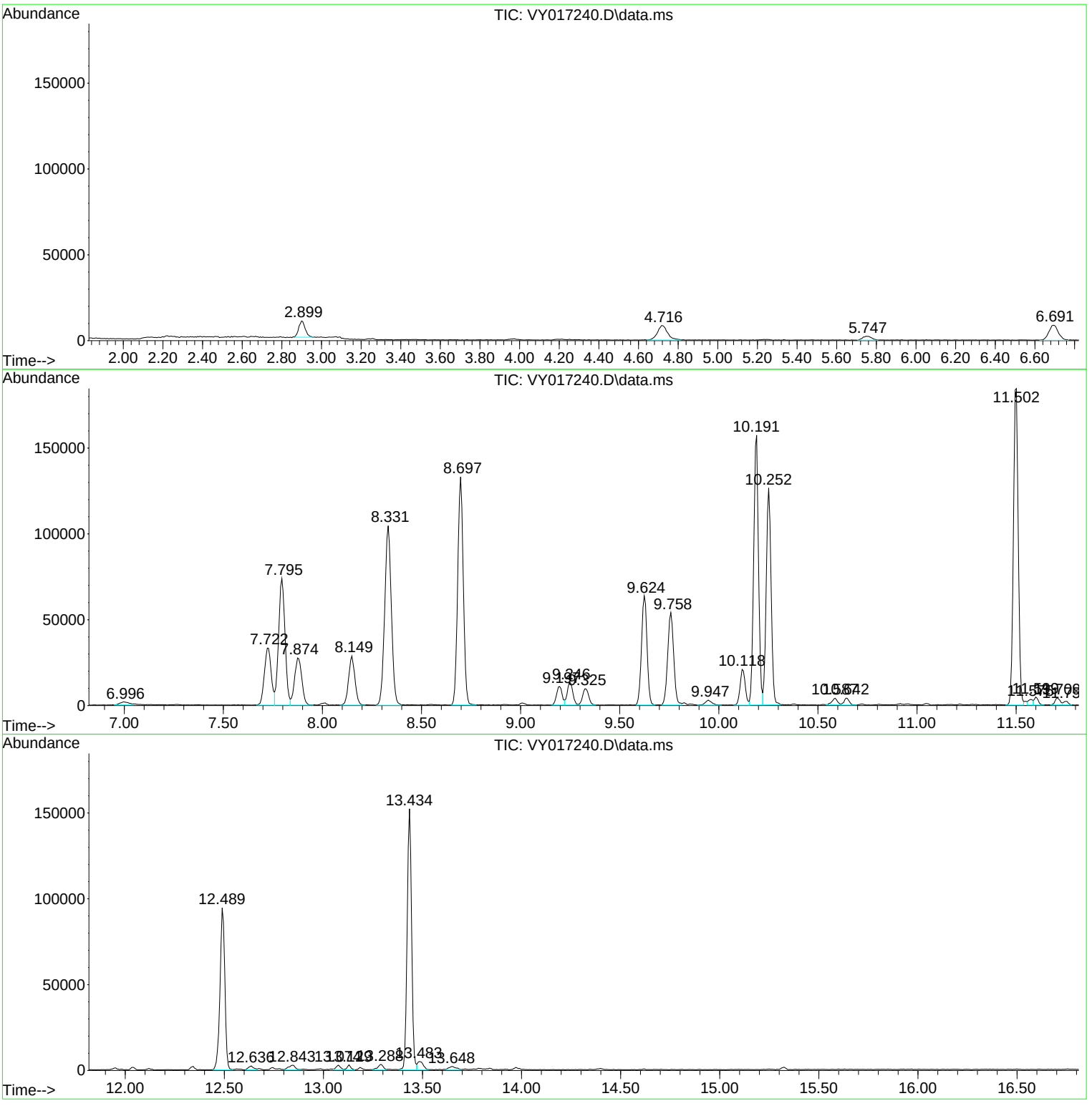
Sum of corrected areas: 2585645

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

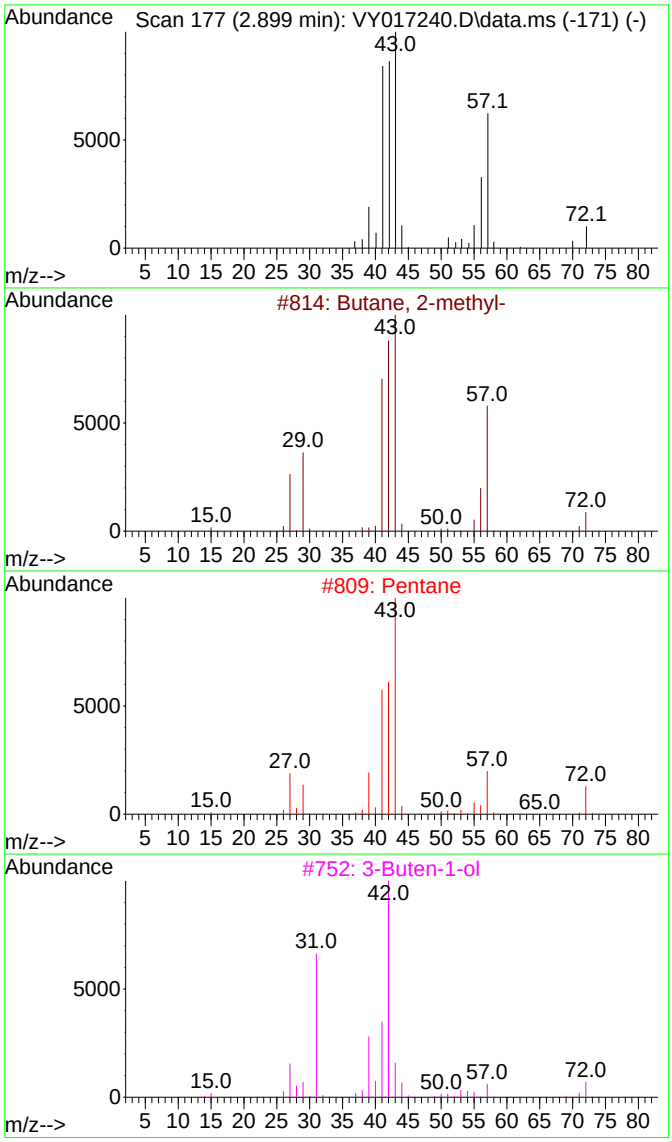
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

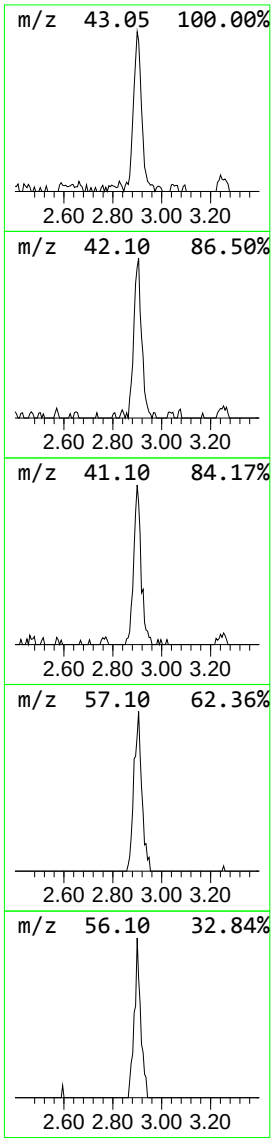
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.899	6.46 ug/l	21375	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	78
2	Pentane	72	C5H12	000109-66-0	59
3	3-Buten-1-ol	72	C4H8O	000627-27-0	40
4	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	28
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

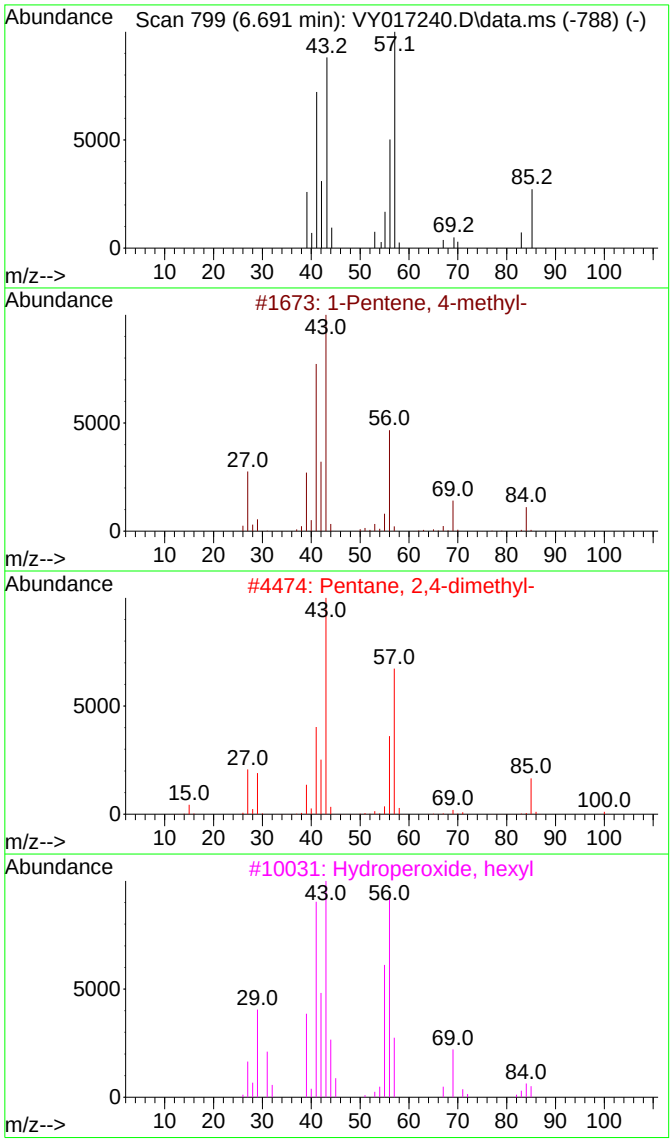
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

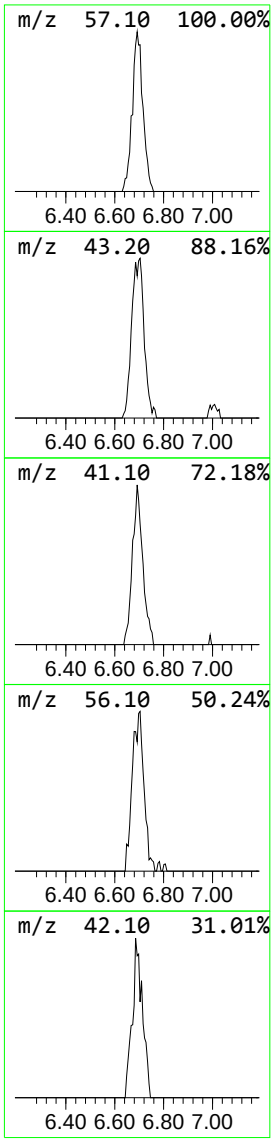
****

Peak Number 2 unknown6.691 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.691	8.88 ug/l	29376	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
3	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	25
4	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	17
5	Cyclobutane	56	C4H8	000287-23-0	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

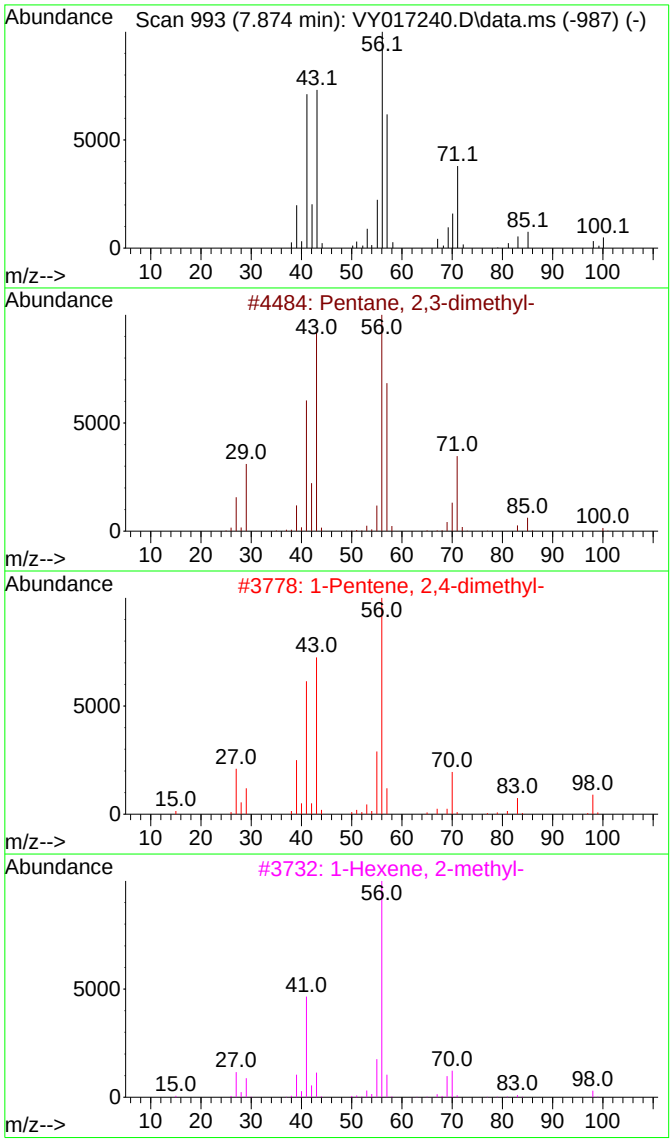
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

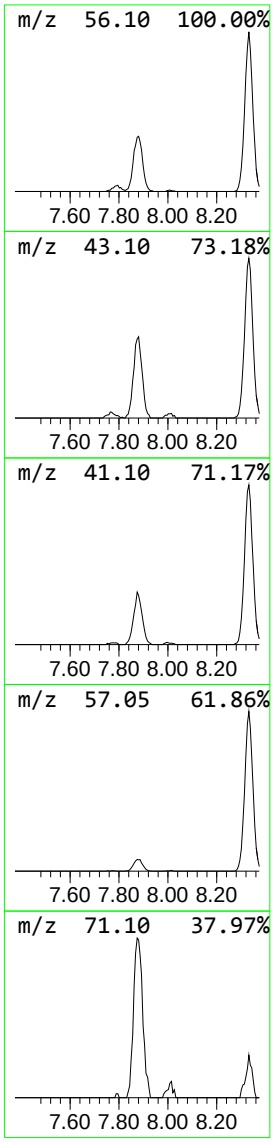
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	20.95 ug/l	69297	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	53
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	50
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	47
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

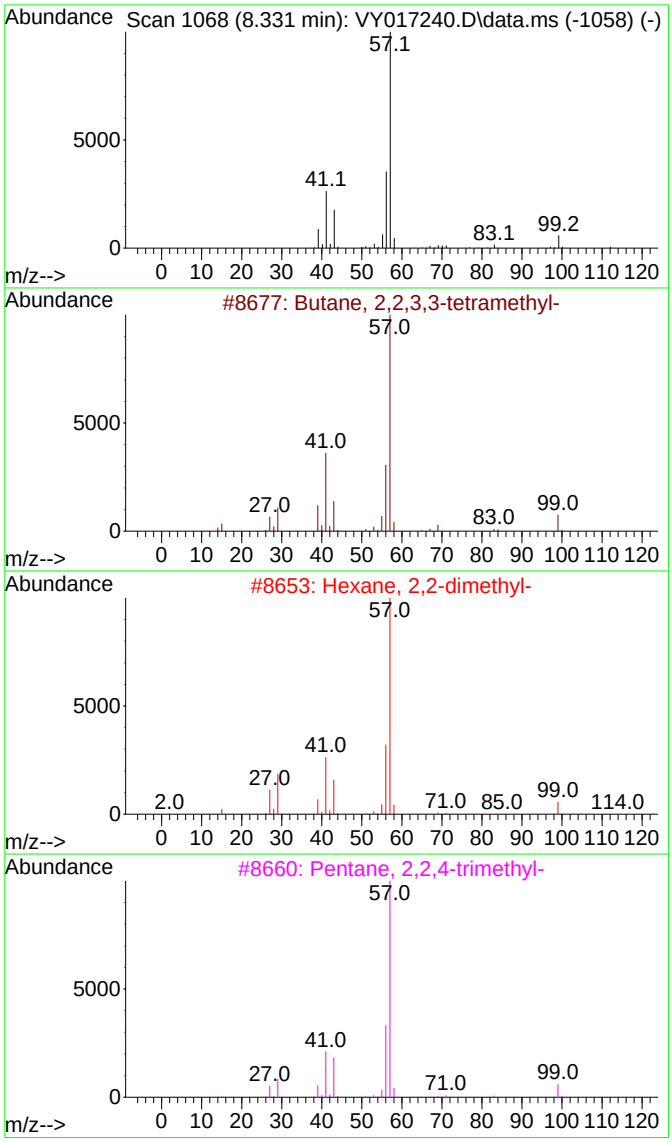
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

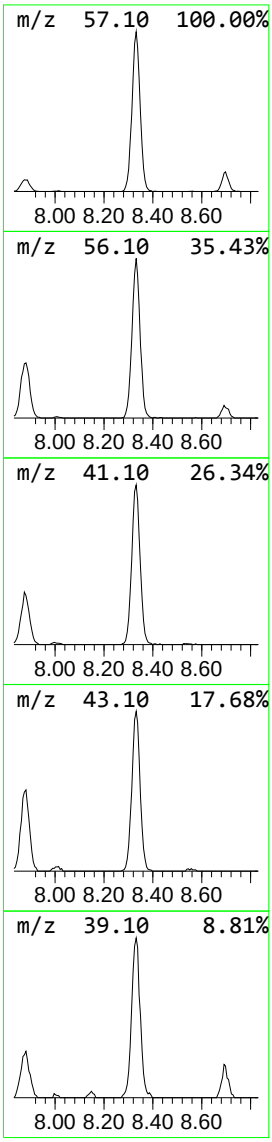
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.331	46.96 ug/l	244548	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

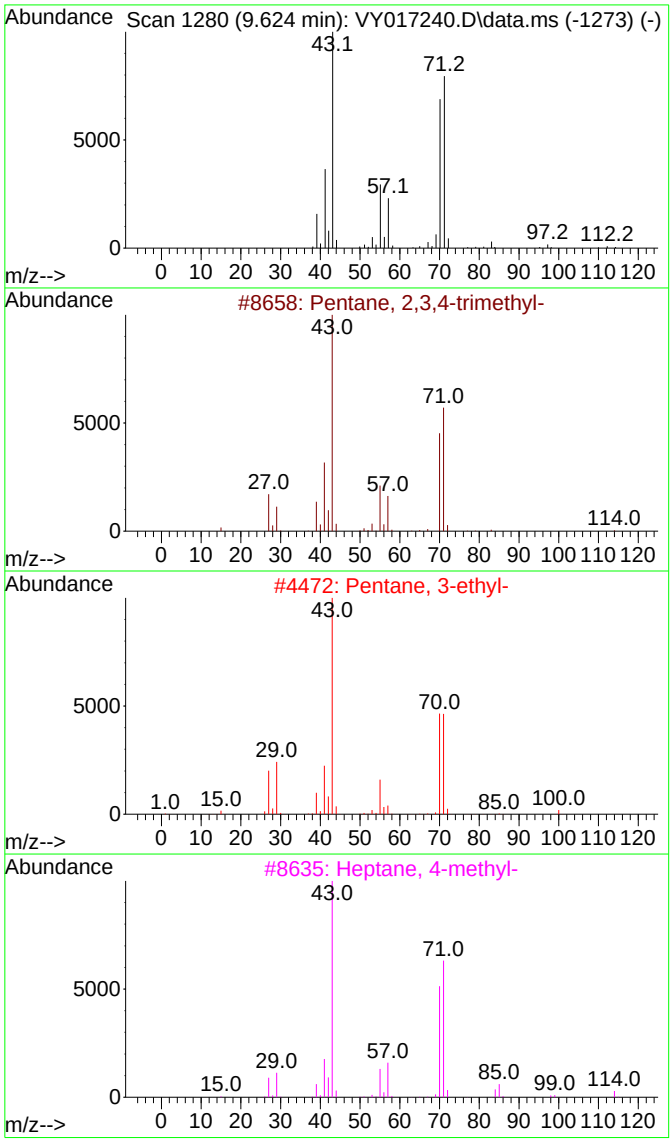
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

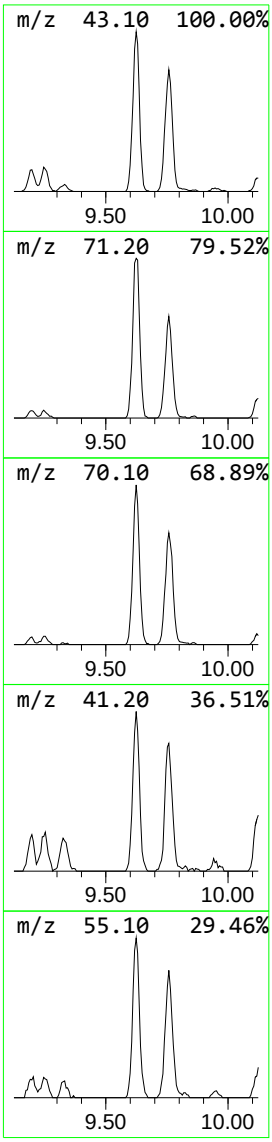
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,3,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.624	23.57 ug/l	122760	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	83
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

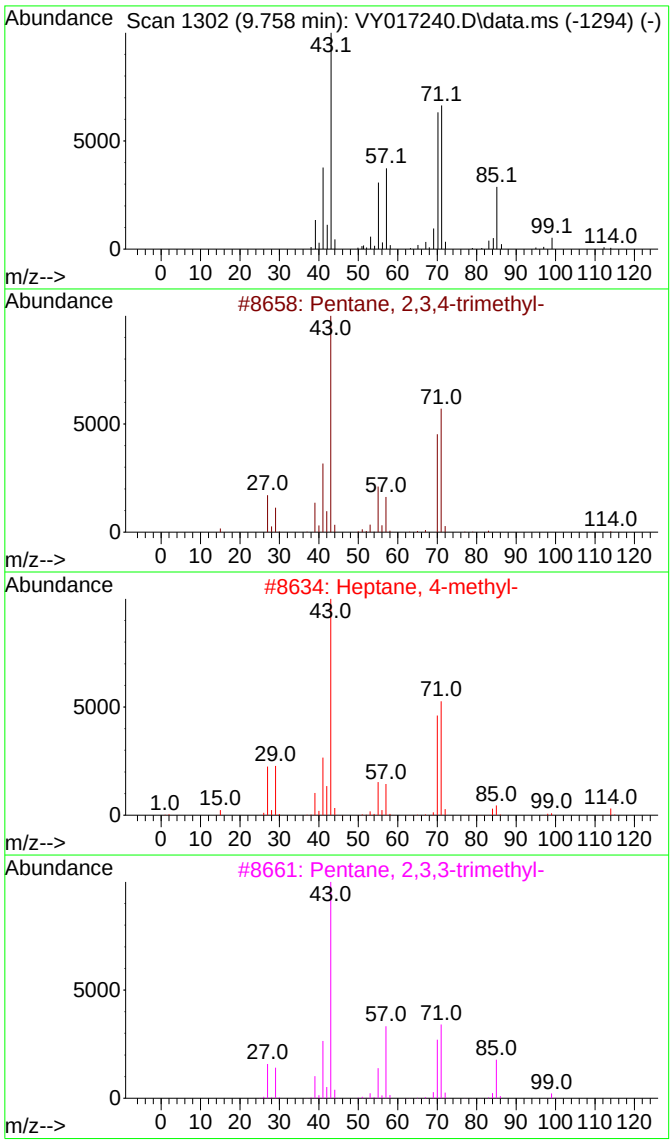
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

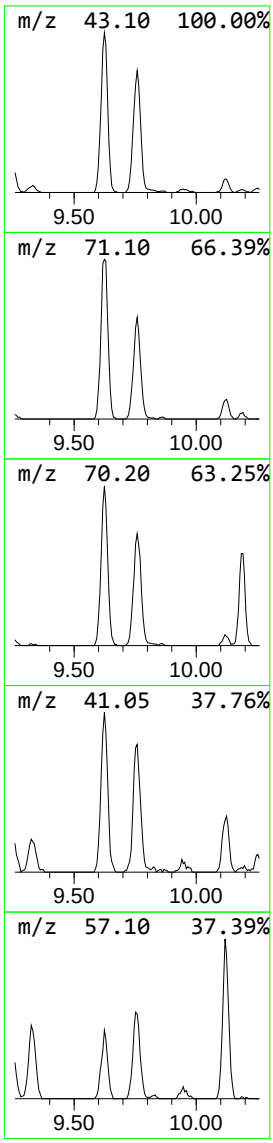
****

Peak Number 6 Heptane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	21.63 ug/l	112635	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	76
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

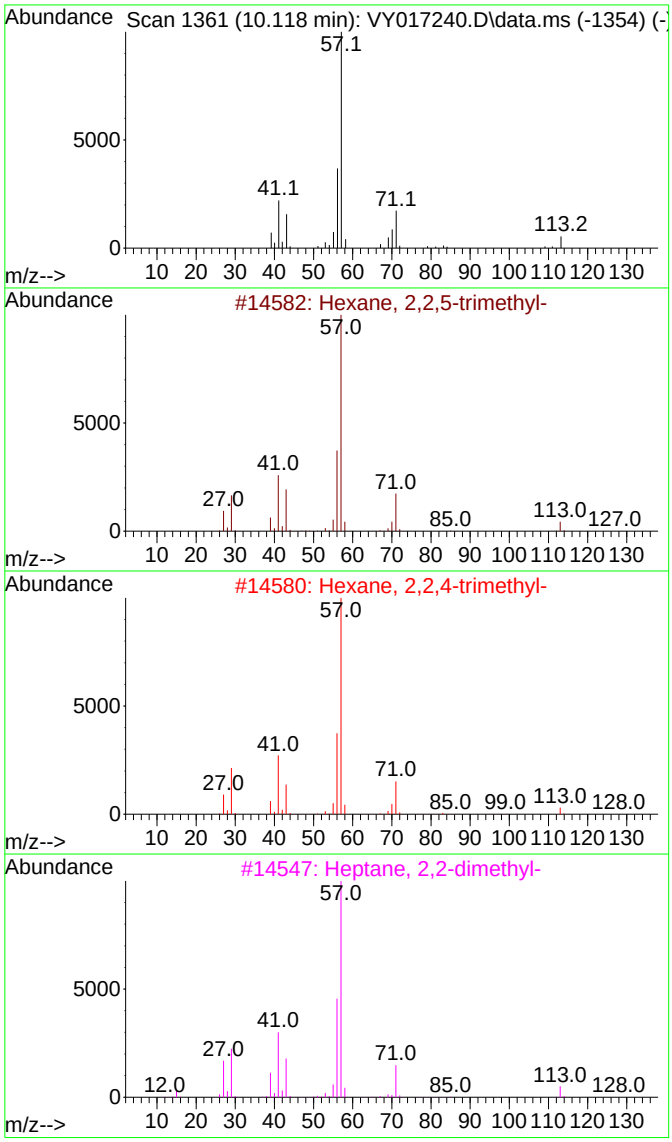
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

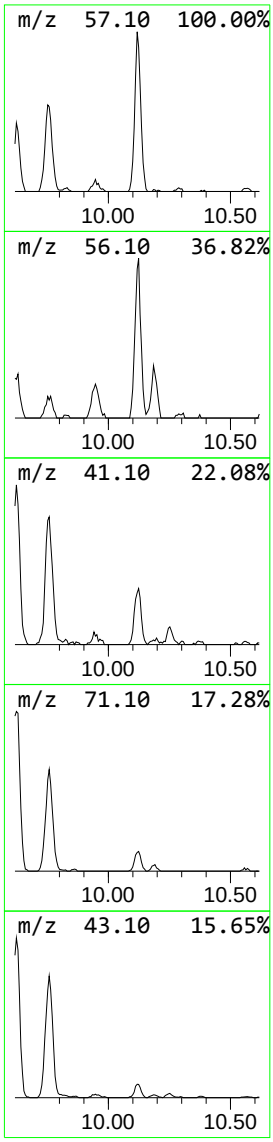
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 2,2,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.118	6.13 ug/l	37996	Chlorobenzene-d5	11.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	72
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.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
Butane, 2-methyl-	2.899	6.5	ug/l	21375	1	7.795	165367	50.0
unknown6.691	6.691	8.9	ug/l	29376	1	7.795	165367	50.0
Pentane, 2,3-di...	7.874	20.9	ug/l	69297	1	7.795	165367	50.0
Butane, 2,2,3,3...	8.331	47.0	ug/l	244548	2	8.697	260395	50.0
Pentane, 2,3,4-...	9.624	23.6	ug/l	122760	2	8.697	260395	50.0
Heptane, 4-methyl-	9.758	21.6	ug/l	112635	2	8.697	260395	50.0
Hexane, 2,2,5-t...	10.118	6.1	ug/l	37996	3	11.502	309916	50.0