LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

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\82D010722S.M
Title : SW846 8260

Signal : TIC: VD071653.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.044	184	191	200	rVB4	33584	77026	1.14%	0.272%
2	4.150	368	379	389	rVB4	29133	104700	1.55%	0.369%
3	4.967	503	518	544	rBV	1071727	3886059	57.36%	13.713%
4	5.497	593	608	622	rBV4	101422	356331	5.26%	1.257%
5	5.997	683	693	705	rVB4	53972	169014	2.49%	0.596%
6	6.785	815	827	840	rVB6	31039	101713	1.50%	0.359%
7	6.926	840	851	859	rBV4	36914	118457	1.75%	0.418%
8	7.026	859	868	878	rBV3	157035	454467	6.71%	1.604%
9	7.732	980	988	995	rVB6	28817	69352	1.02%	0.245%
10	7.914	1009	1019	1023	rBV	292928	736051	10.86%	2.597%
11	7.979	1023	1030	1038	rVV2	707668	1817700	26.83%	6.414%
12	8.061	1038	1044	1057	rVB2	116820	295247	4.36%	1.042%
13	8.185	1057	1065	1073	rBV	164830	398610	5.88%	1.407%
14	8.338	1081	1091	1103	rVB3	456461	1295407	19.12%	4.571%
15	8.461	1103	1112	1114	rVV4	80245	180597	2.67%	0.637%
16	8.508	1114	1120	1130	rVV	209802	633380	9.35%	2.235%
17	8.602	1130	1136	1146	rVB3	67481	156311	2.31%	0.552%
18	8.720	1146	1156	1165	rVB4	30701	81488	1.20%	0.288%
19	8.861	1171	1180	1193	rBV	841136	1783952	26.33%	6.295%
20	9.349	1249	1263	1270	rBV	305816	763939	11.28%	2.696%
21	9.532	1289	1294	1301	rVB4	35104	70671	1.04%	0.249%
22	9.773	1328	1335	1344	rVB2	91308	191213	2.82%	0.675%
23	9.867	1344	1351	1354	rBV3	51146	101118	1.49%	0.357%
24	9.908	1354	1358	1364	rVB	84420	162006	2.39%	0.572%
25	10.108	1382	1392	1405	rBV7	29740	101238	1.49%	0.357%
26	10.338	1422	1431	1435	rBV	1163471	2167063	31.99%	7.647%
27	10.396	1435	1441	1454	rVB	3732741	6775113	100.00%	23.908%
28	10.767	1497	1504	1511	rVB7	31618	84359	1.25%	0.298%
29	11.638	1645	1652	1662	rBV	905754	1574238	23.24%	5.555%
30	11.738	1662	1669	1679	rVB	432950	710196	10.48%	2.506%
31	11.849	1679	1688	1698	rBV	272876	526356	7.77%	1.857%
32	12.173	1730	1743	1752	rBV	213439	384427	5.67%	1.357%
33	12.479	1788	1795	1801	rVB4	66002	116715	1.72%	0.412%
34	12.626	1813	1820	1827	rBV	591285	982889	14.51%	3.468%
35	13.567	1973	1980	1990	rVB	549128	910380	13.44%	3.213%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

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\82D010722S.M
Title : SW846 8260

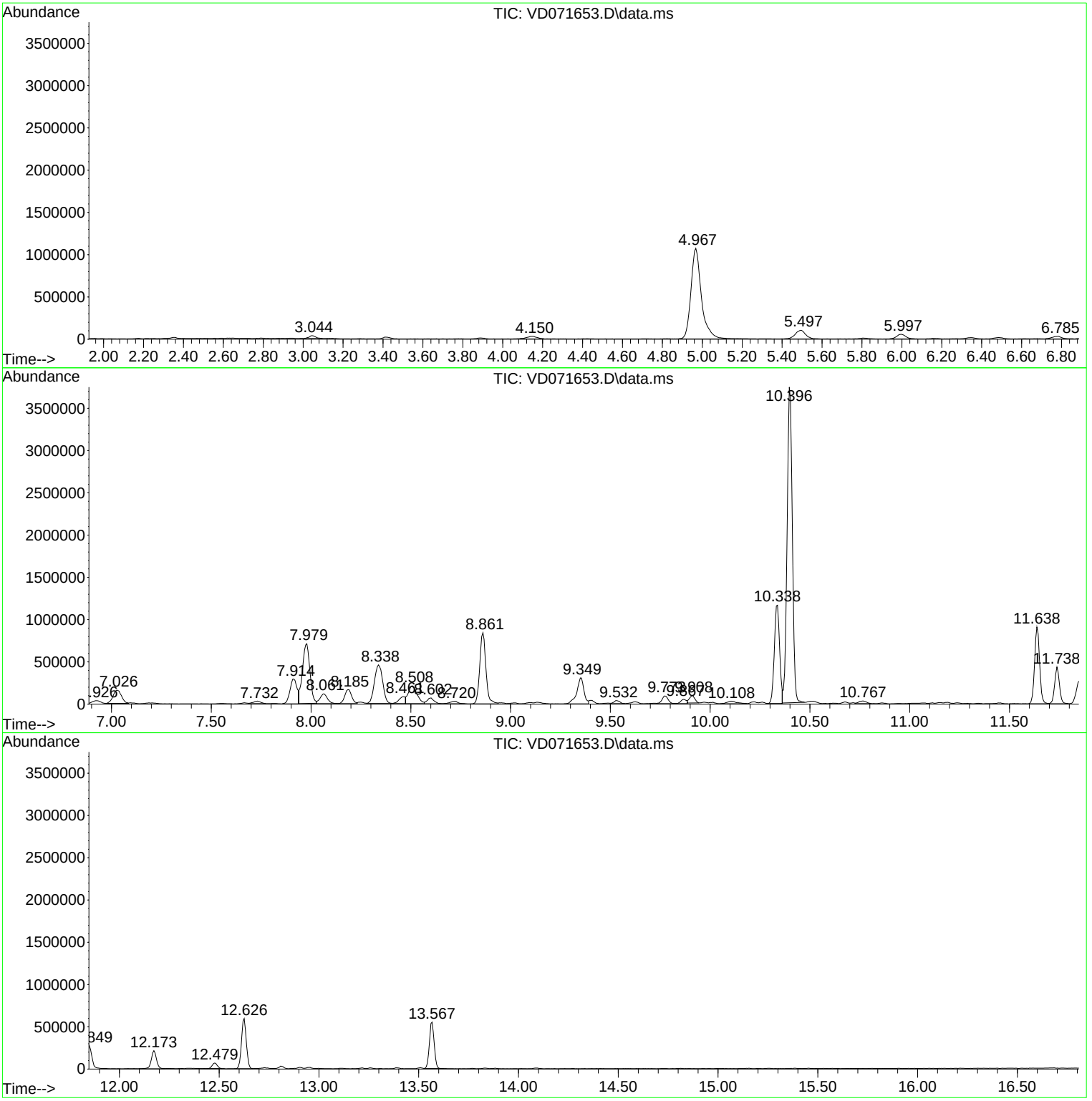
Sum of corrected areas: 28337783

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

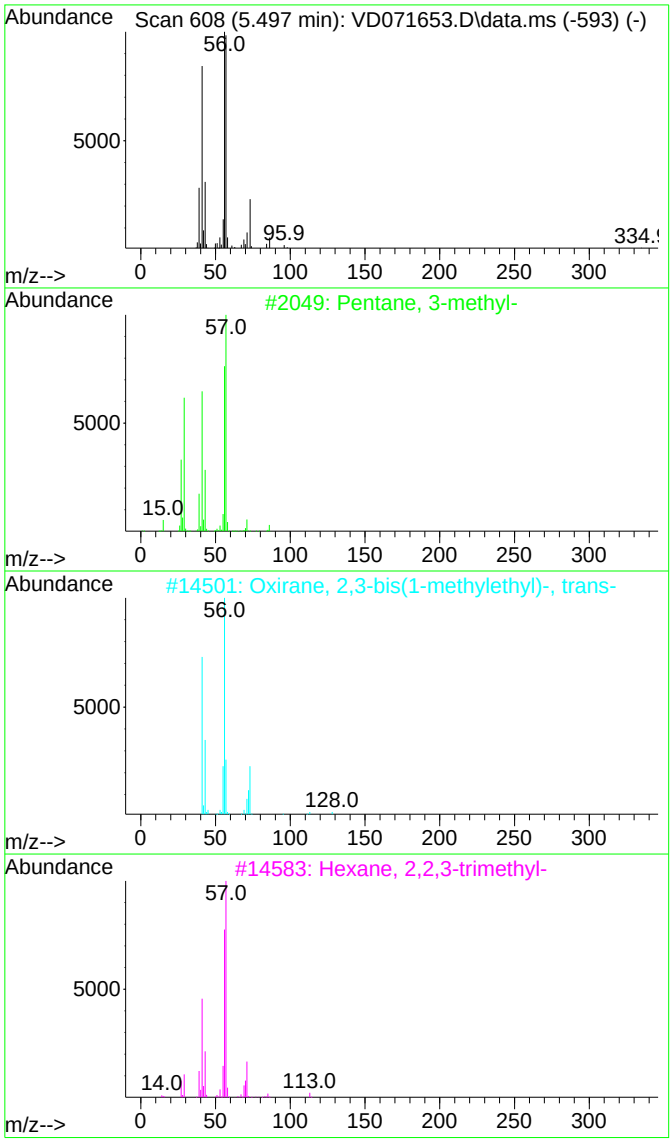
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

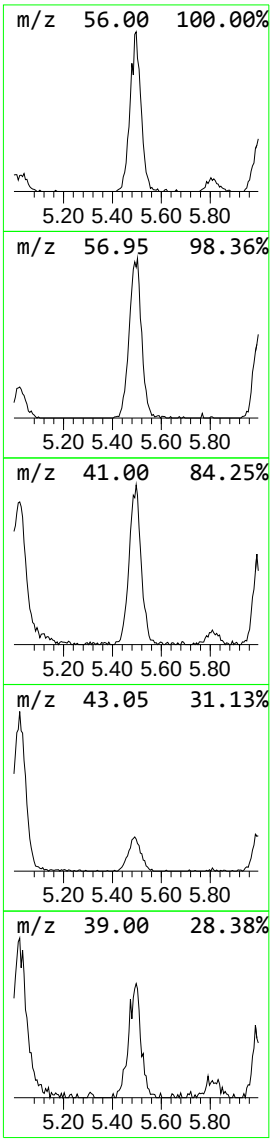
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.497	9.80 ug/l	356331	Pentafluorobenzene	7.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	64
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

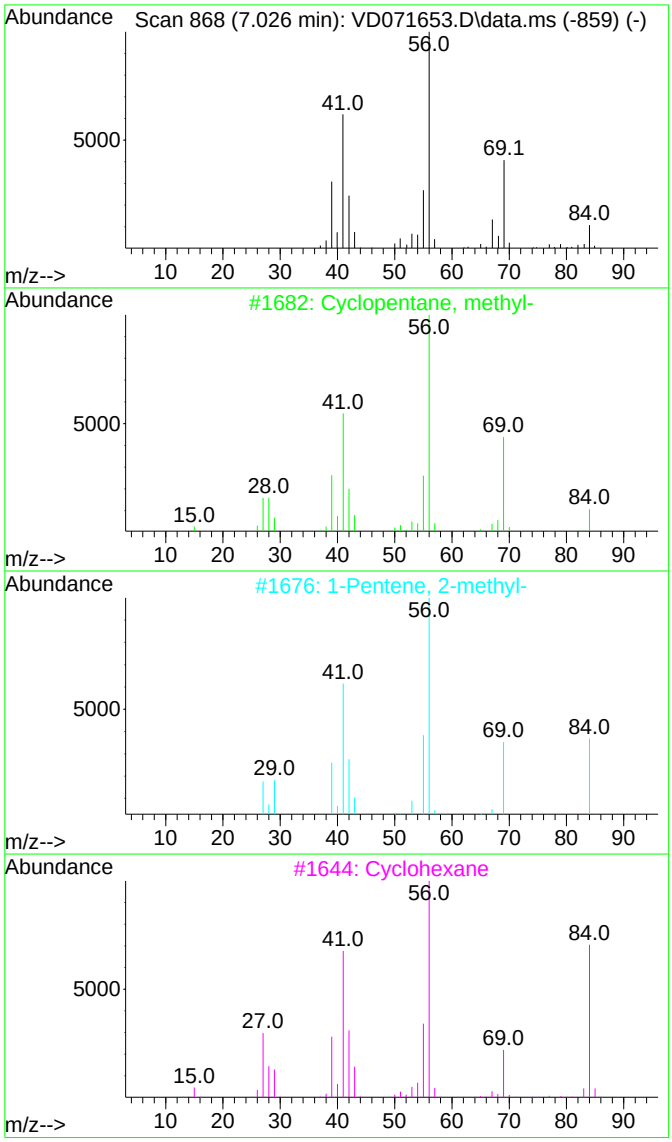
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

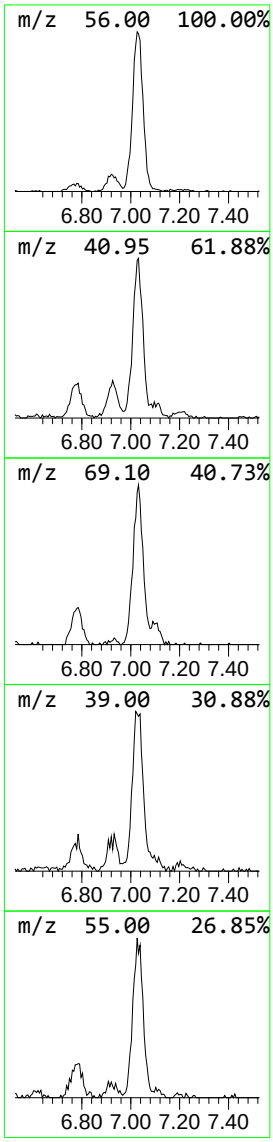
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.026	12.50 ug/l	454467	Pentafluorobenzene	7.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

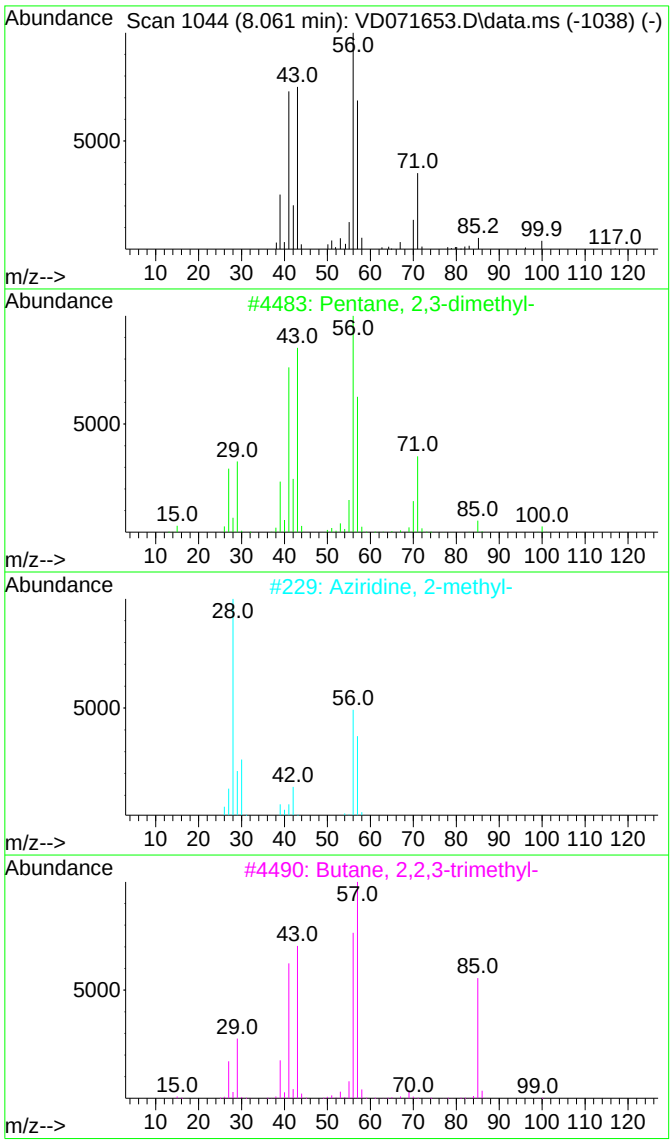
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

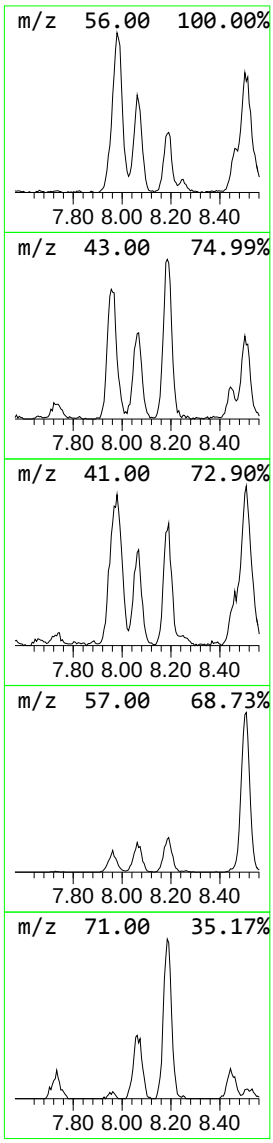
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.061	8.12 ug/l	295247	Pentafluorobenzene	7.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	50
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

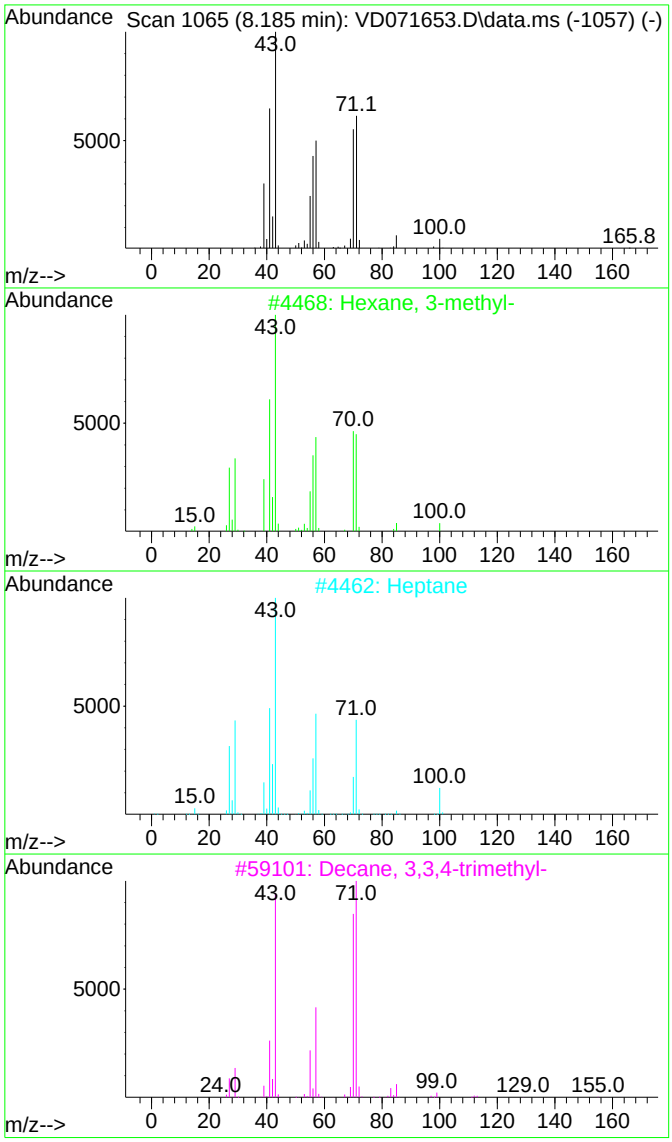
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

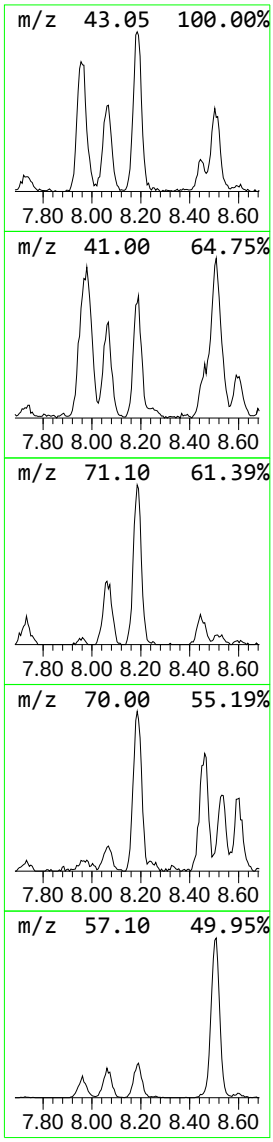
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	10.96 ug/l	398610	Pentafluorobenzene	7.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Heptane	100	C7H16	000142-82-5	58
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

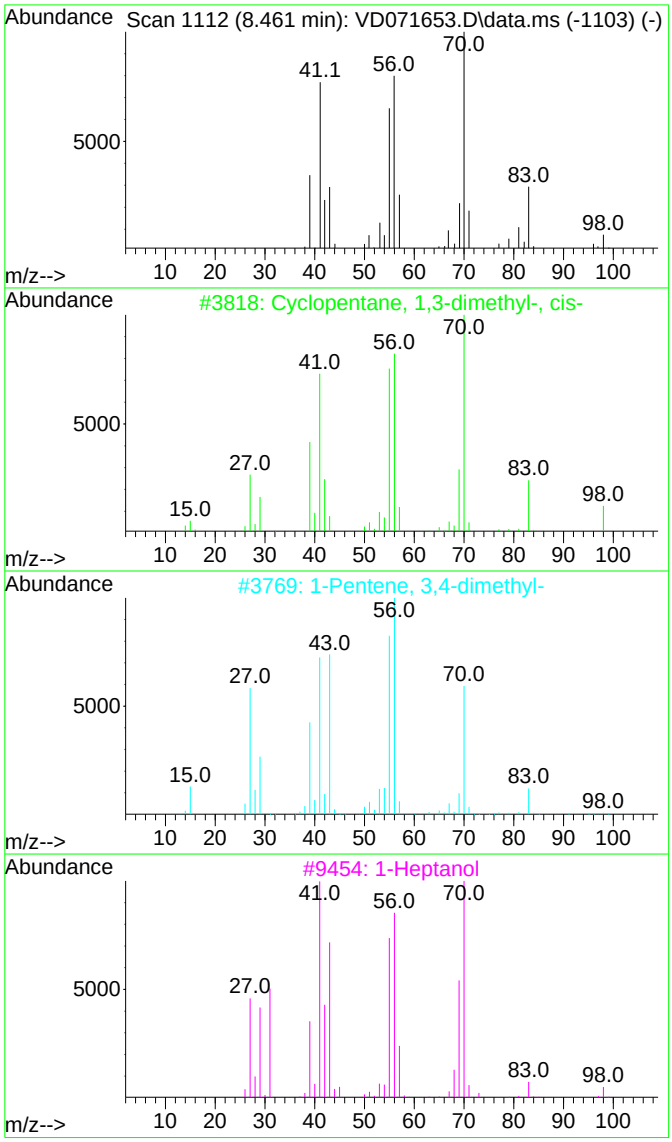
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

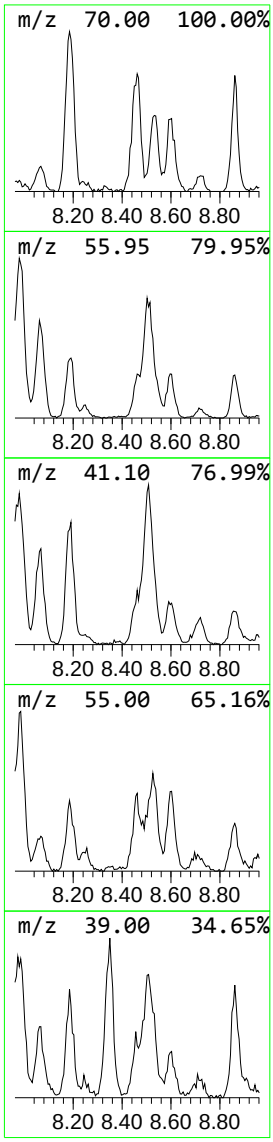
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.461	5.06 ug/l	180597	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	72
3	1-Heptanol	116	C7H16O	000111-70-6	59
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	53
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

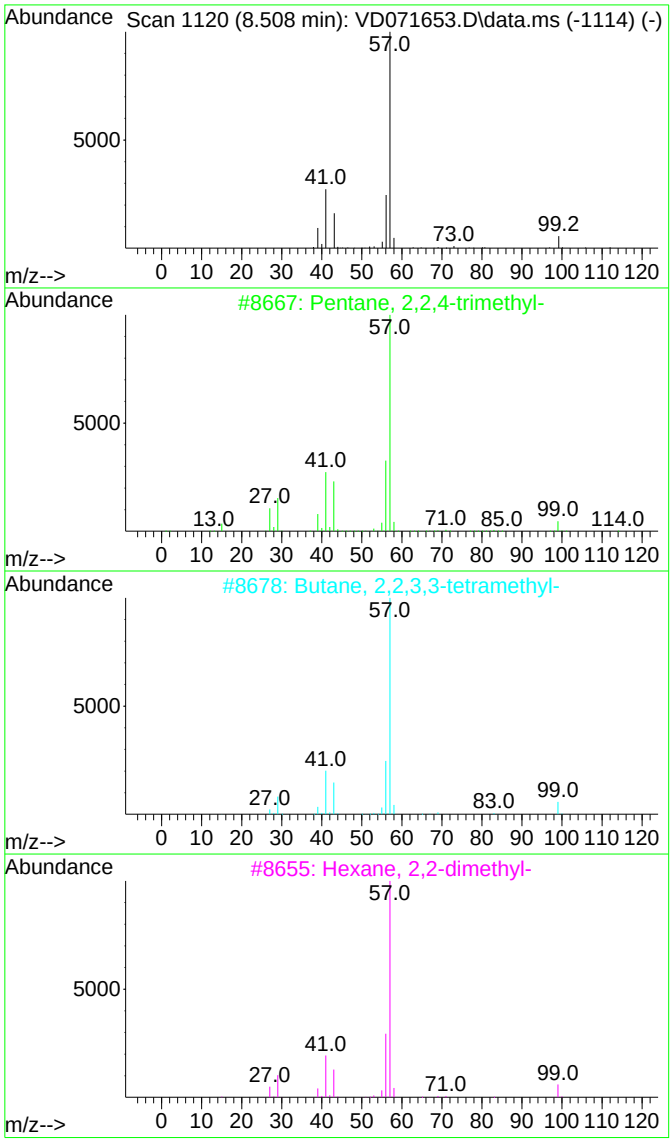
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

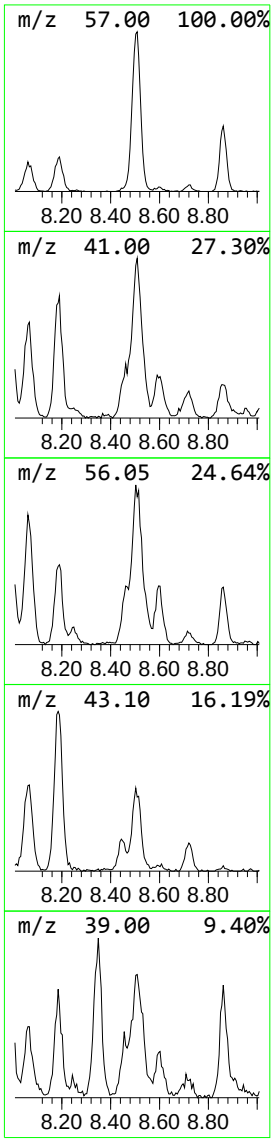
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	17.75 ug/l	633380	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50
4	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	25
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

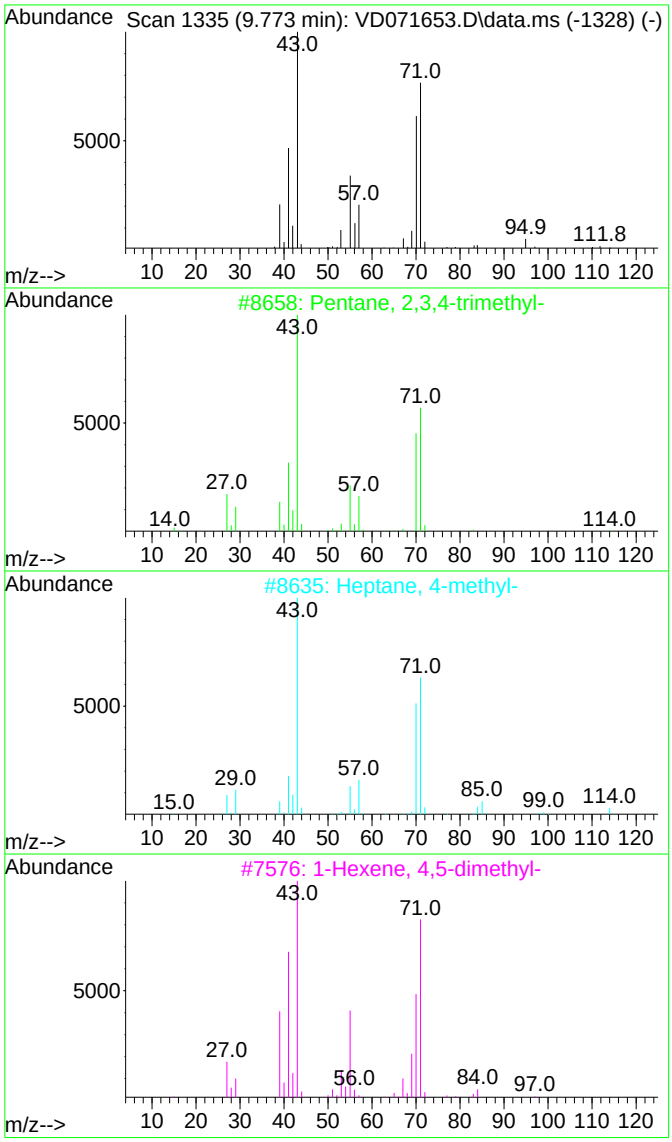
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

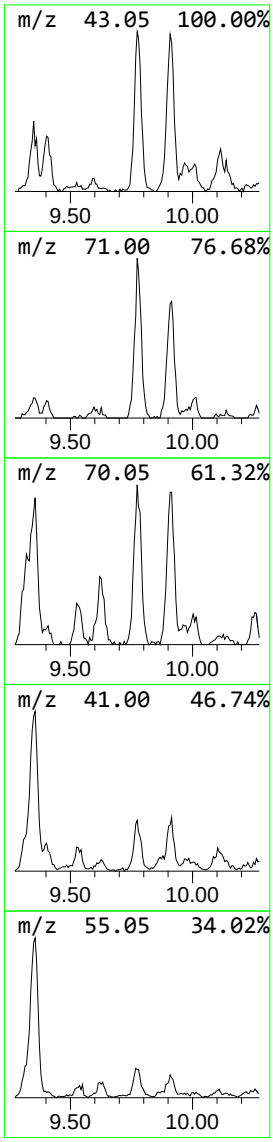
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.773	5.36 ug/l	191213	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	64
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	56
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.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
Pentane, 3-methyl-	5.497	9.8	ug/l	356331	1	7.979	1817700	50.0
Cyclopentane, m...	7.026	12.5	ug/l	454467	1	7.979	1817700	50.0
Pentane, 2,3-di...	8.061	8.1	ug/l	295247	1	7.979	1817700	50.0
Hexane, 3-methyl-	8.185	11.0	ug/l	398610	1	7.979	1817700	50.0
Cyclopentane, 1...	8.461	5.1	ug/l	180597	2	8.861	1783950	50.0
Pentane, 2,2,4-...	8.508	17.8	ug/l	633380	2	8.861	1783950	50.0
Pentane, 2,3,4-...	9.773	5.4	ug/l	191213	2	8.861	1783950	50.0