

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071443.D
 Acq On : 23 Dec 2021 15:21
 Operator : VA/SY
 Sample : M5081-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE

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\82D122221S.M

Title : SW846 8260

Signal : TIC: VD071443.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	506	518	530	rBV	67427	224087	8.00%	1.411%
2	5.991	686	692	701	rVB6	17031	49677	1.77%	0.313%
3	7.914	1009	1019	1024	rBV	367166	883429	31.53%	5.561%
4	7.979	1024	1030	1039	rVB	646269	1404925	50.14%	8.844%
5	8.326	1079	1089	1098	rBV	343476	766701	27.36%	4.827%
6	8.508	1110	1120	1129	rVB	176895	419302	14.96%	2.640%
7	8.861	1171	1180	1192	rBV	984333	2000424	71.39%	12.593%
8	9.485	1278	1286	1294	rVB4	20651	47323	1.69%	0.298%
9	9.773	1327	1335	1344	rBV	134108	264705	9.45%	1.666%
10	9.908	1349	1358	1365	rBV	248403	506122	18.06%	3.186%
11	10.261	1410	1418	1423	rBV	42644	79994	2.85%	0.504%
12	10.338	1423	1431	1442	rVV	1516108	2801919	100.00%	17.639%
13	11.638	1643	1652	1667	rBV	1354960	2422901	86.47%	15.253%
14	12.626	1808	1820	1827	rBV	1053256	1768731	63.13%	11.135%
15	13.414	1946	1954	1960	rBV5	16590	41324	1.47%	0.260%
16	13.479	1960	1965	1973	rVV7	29203	55793	1.99%	0.351%
17	13.567	1973	1980	1987	rVV	1279037	2147560	76.65%	13.519%

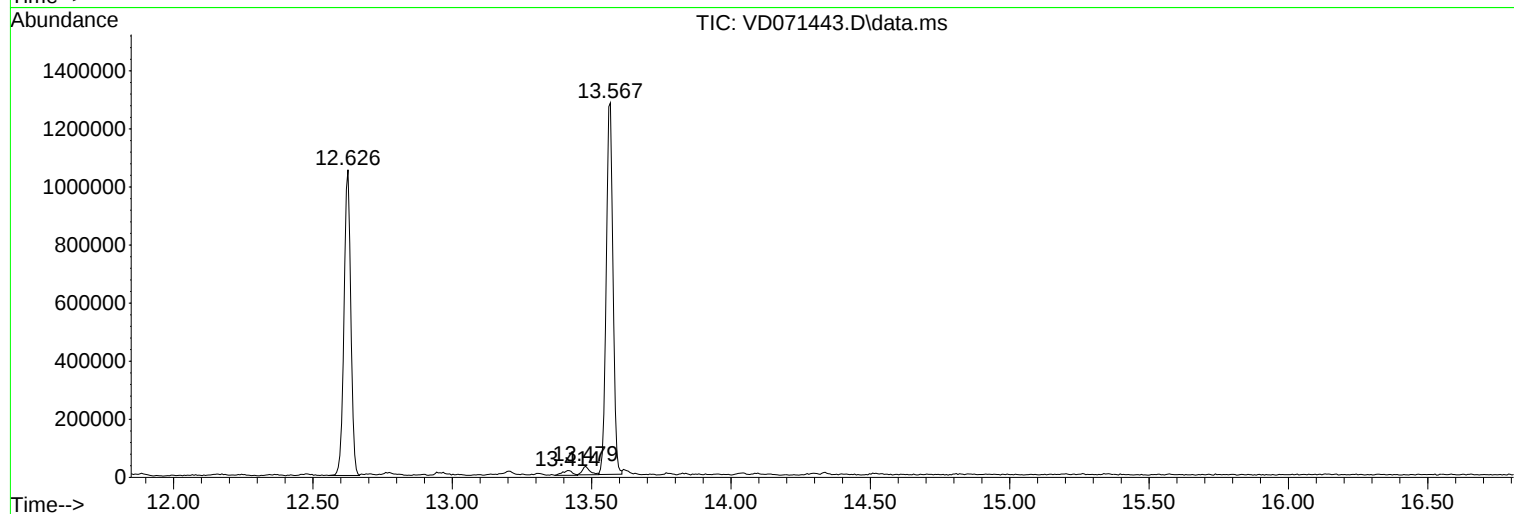
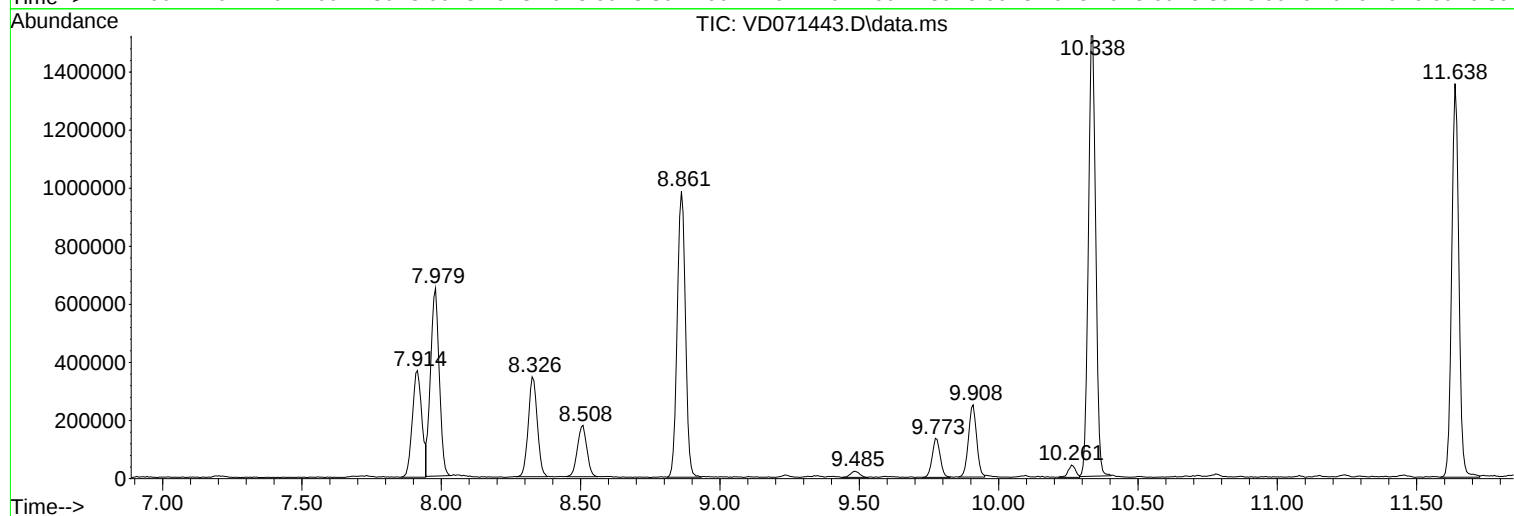
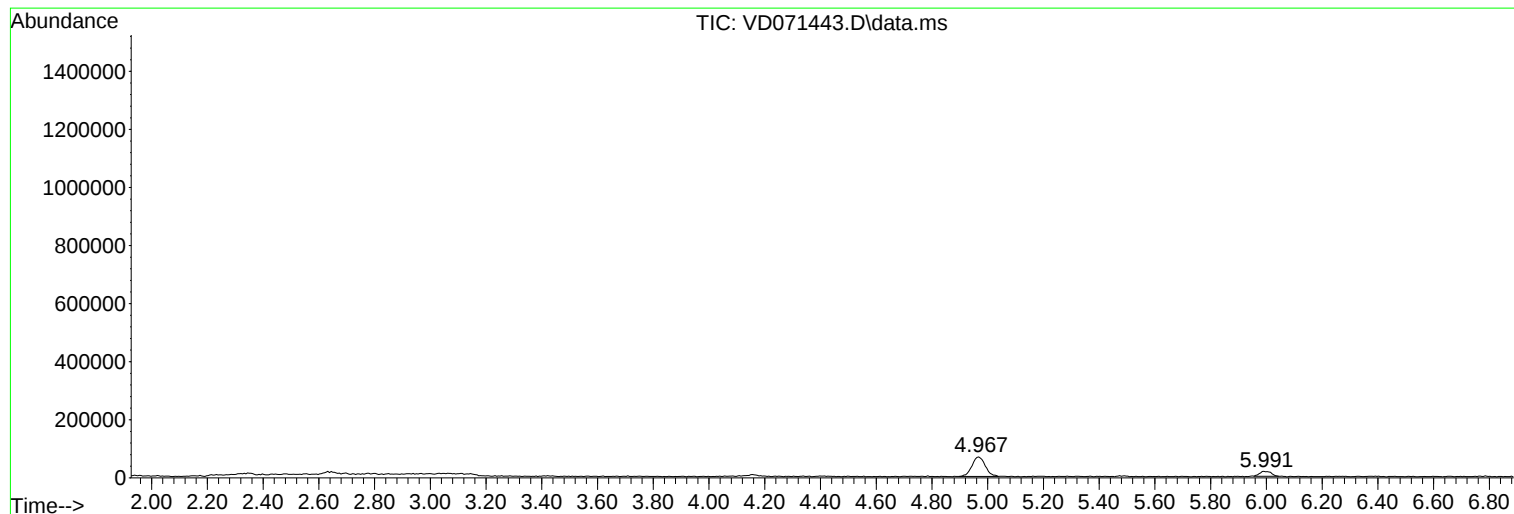
Sum of corrected areas: 15884917

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Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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



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ALS Vial : 1 Sample Multiplier: 1

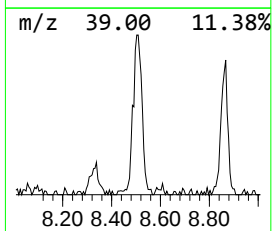
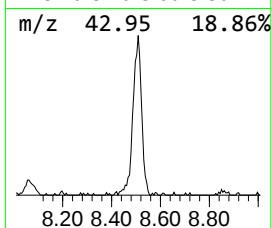
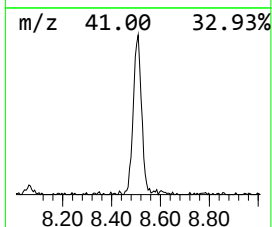
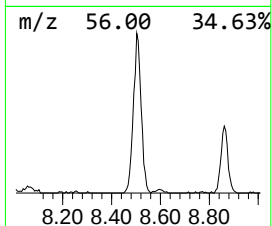
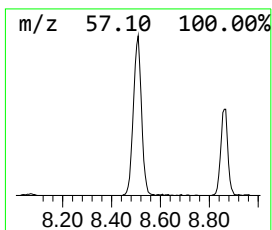
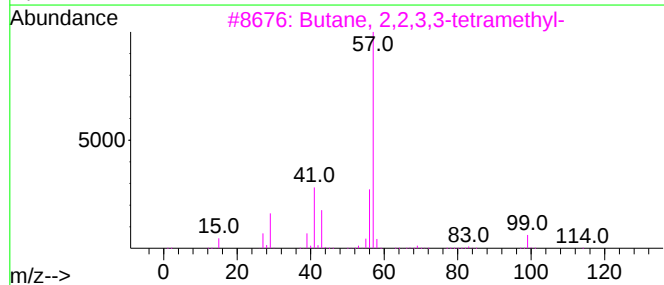
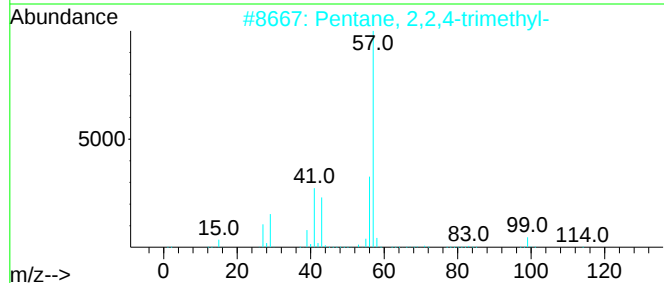
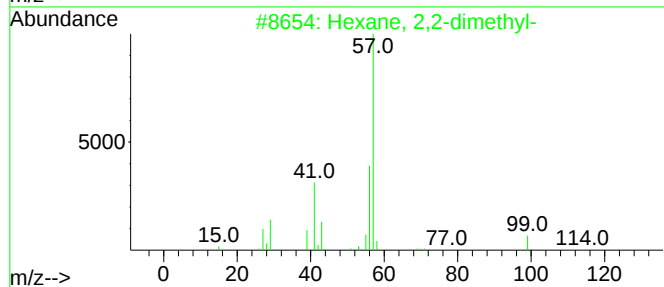
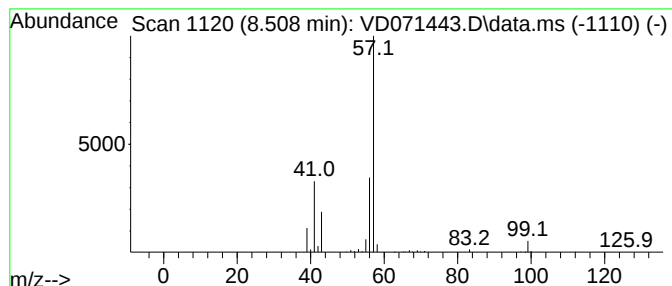
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 2 Hexane, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.508	10.48 ug/l	419302	1,4-Difluorobenzene	8.861	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	59
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59



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Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

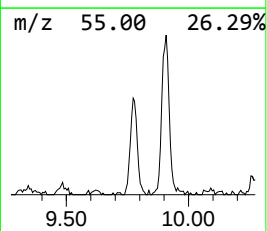
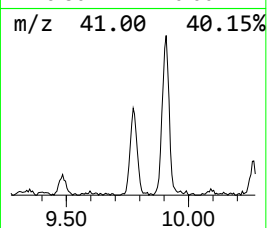
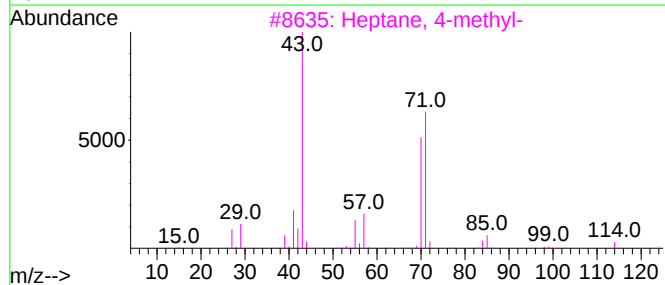
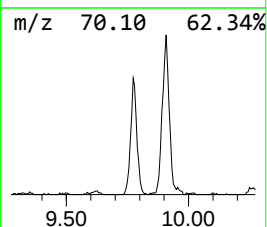
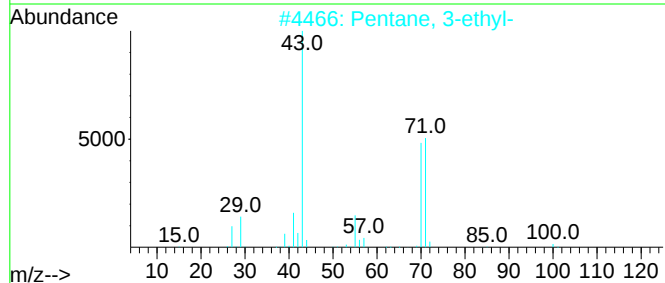
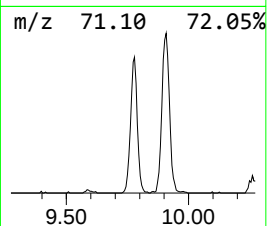
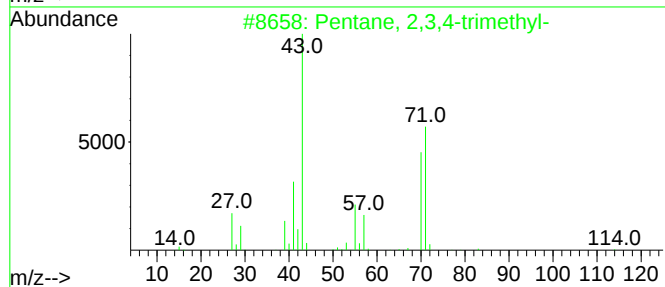
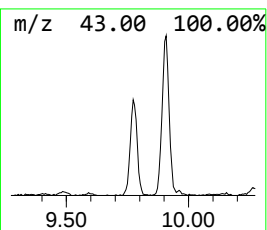
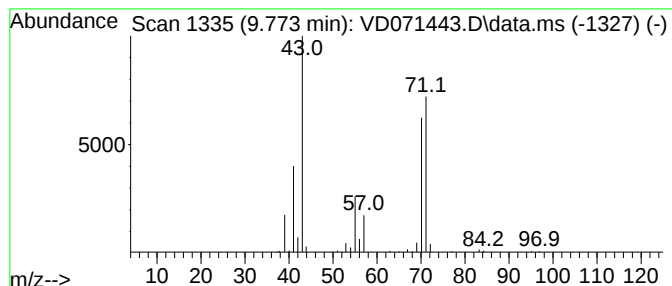
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.773	6.62 ug/l	264705	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			Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
5			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	59



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Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

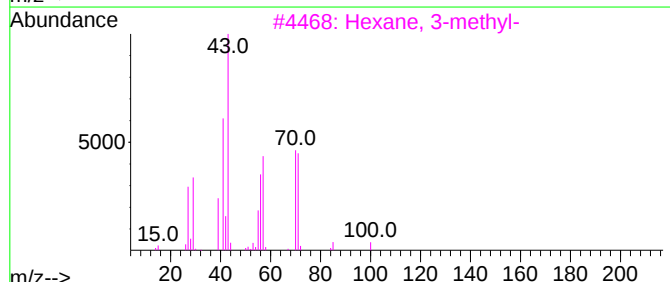
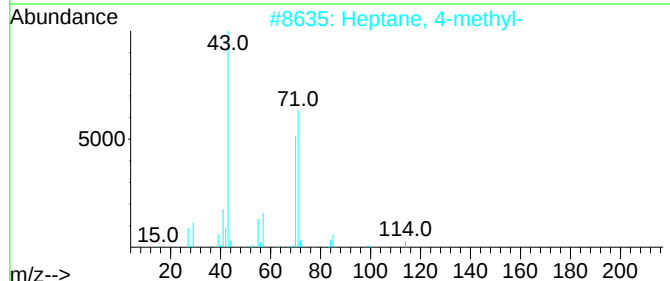
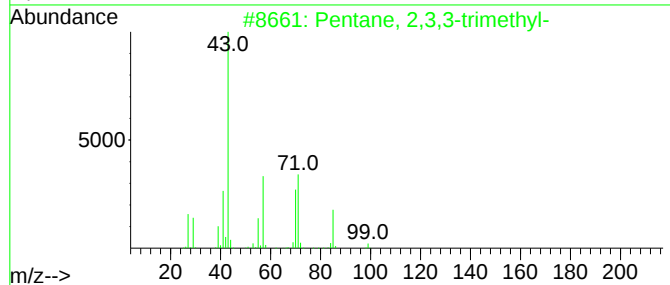
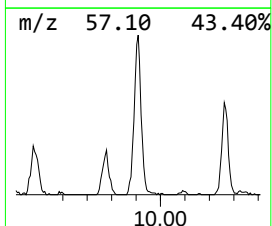
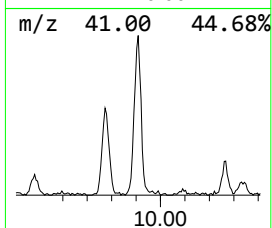
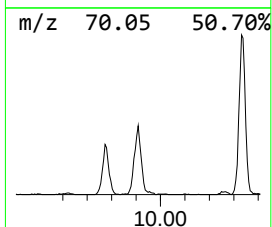
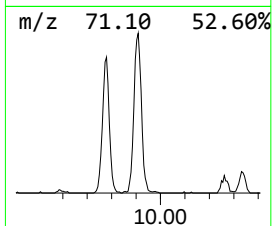
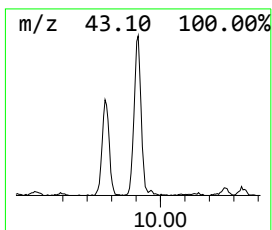
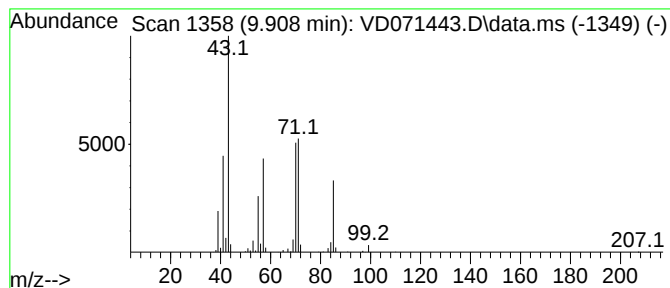
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	12.65 ug/l	506122	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5			Pentane, 3-ethyl-	100	C7H16	000617-78-7	53



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Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.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
Hexane, 2,2-dim...	8.508	10.5	ug/l	419302	2	8.861	2000420	50.0
Pentane, 2,3,4-...	9.773	6.6	ug/l	264705	2	8.861	2000420	50.0
Pentane, 2,3,3-...	9.908	12.7	ug/l	506122	2	8.861	2000420	50.0