LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

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\82D011921S.M
Title : SW846 8260

Signal : TIC: VD068336.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.350	64	73	80	rBV5	12912	30196	1.75%	0.213%
2	2.502	93	99	105	rBV	20887	38492	2.23%	0.272%
3	2.644	116	123	129	rBV3	10629	24177	1.40%	0.171%
4	2.820	148	153	163	rVB	11154	23008	1.33%	0.162%
5	3.044	185	191	200	rVB4	36783	77970	4.51%	0.550%
6	3.414	248	254	260	rBV4	10021	24826	1.44%	0.175%
7	4.161	371	381	391	rBV2	27406	82055	4.75%	0.579%
8	4.955	504	516	522	rBV5	16787	65036	3.76%	0.459%
9	5.491	597	607	620	rBV4	19924	66239	3.83%	0.468%
10	6.932	841	852	862	rBV5	32513	95526	5.52%	0.674%
11	7.032	862	869	878	rVB7	12206	30863	1.78%	0.218%
12	7.214	889	900	906	rBV3	9527	27902	1.61%	0.197%
13	7.732	980	988	995	rVB9	6312	18943	1.10%	0.134%
14	7.920	1009	1020	1025	rBV	226420	542944	31.40%	3.832%
15	7.985	1025	1031	1038	rVV	378642	872458	50.46%	6.158%
16	8.067	1038	1045	1058	rVB3	87020	222921	12.89%	1.573%
17	8.190	1058	1066	1073	rBV5	19795	46139	2.67%	0.326%
18	8.337	1080	1091	1102	rBV	230168	526407	30.44%	3.716%
19	8.508	1104	1120	1132	rVV	626926	1566819	90.61%	11.059%
20	8.867	1172	1181	1191	rBV	580612	1204765	69.67%	8.504%
21	9.355	1250	1264	1269	rBV2	70083	169731	9.82%	1.198%
22	9.408	1269	1273	1280	rVB2	69670	133596	7.73%	0.943%
23	9.490	1280	1287	1293	rBV2	34211	64726	3.74%	0.457%
24	9.632	1306	1311	1317	rVB3	14347	27800	1.61%	0.196%
25	9.784	1329	1337	1348	rBV	407439	840169	48.59%	5.930%
26	9.914	1349	1359	1367	rBV	386536	796647	46.07%	5.623%
27	10.102	1384	1391	1398	rBV4	25391	58794	3.40%	0.415%
28	10.267	1411	1419	1425	rBV	80235	156250	9.04%	1.103%
29	10.343	1425	1432	1440	rVV	940081	1729163	100.00%	12.205%
30	10.402	1440	1442	1449	rVB	18200	27198	1.57%	0.192%
31	10.784	1499	1507	1514	rVV6	23882	64910	3.75%	0.458%
32	11.061	1543	1554	1557	rBV5	11942	31854	1.84%	0.225%
33	11.649	1645	1654	1663	rBV	820637	1464362	84.69%	10.336%
34	11.749	1667	1671	1674	rVV2	12721	18694	1.08%	0.132%
35	11.849	1681	1688	1694	rBV3	16563	41430	2.40%	0.292%
36	12.155	1734	1740	1742	rBV6	12351	23821	1.38%	0.168%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

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\82D011921S.M
Title : SW846 8260

37	12.178	1742	1744	1751	rVB6	12362	22759	1.32%	0.161%
38	12.349	1769	1773	1778	rBV6	9550	17728	1.03%	0.125%
39	12.631	1809	1821	1830	rBV	690572	1188683	68.74%	8.390%
40	12.773	1840	1845	1847	rBV4	10430	17481	1.01%	0.123%
41	12.884	1857	1864	1867	rBV6	8985	19140	1.11%	0.135%
42	12.955	1871	1876	1883	rVV5	22109	46018	2.66%	0.325%
43	13.184	1906	1915	1917	rBV3	35967	75227	4.35%	0.531%
44	13.267	1925	1929	1933	rVB4	16158	23935	1.38%	0.169%
45	13.425	1954	1956	1961	rVB6	11990	18991	1.10%	0.134%
46	13.572	1974	1981	1989	rBV	779986	1316527	76.14%	9.293%
47	13.784	2010	2017	2024	rBV7	14843	36585	2.12%	0.258%
48	13.896	2030	2036	2041	rBV5	15644	23008	1.33%	0.162%
49	15.402	2286	2292	2298	rBV	36426	64579	3.73%	0.456%
50	16.496	2472	2478	2482	rBV4	12596	25243	1.46%	0.178%
51	16.702	2504	2513	2520	rVB5	14157	34661	2.00%	0.245%

Sum of corrected areas: 14167396

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
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Acq On : 09 Feb 2021 18:35
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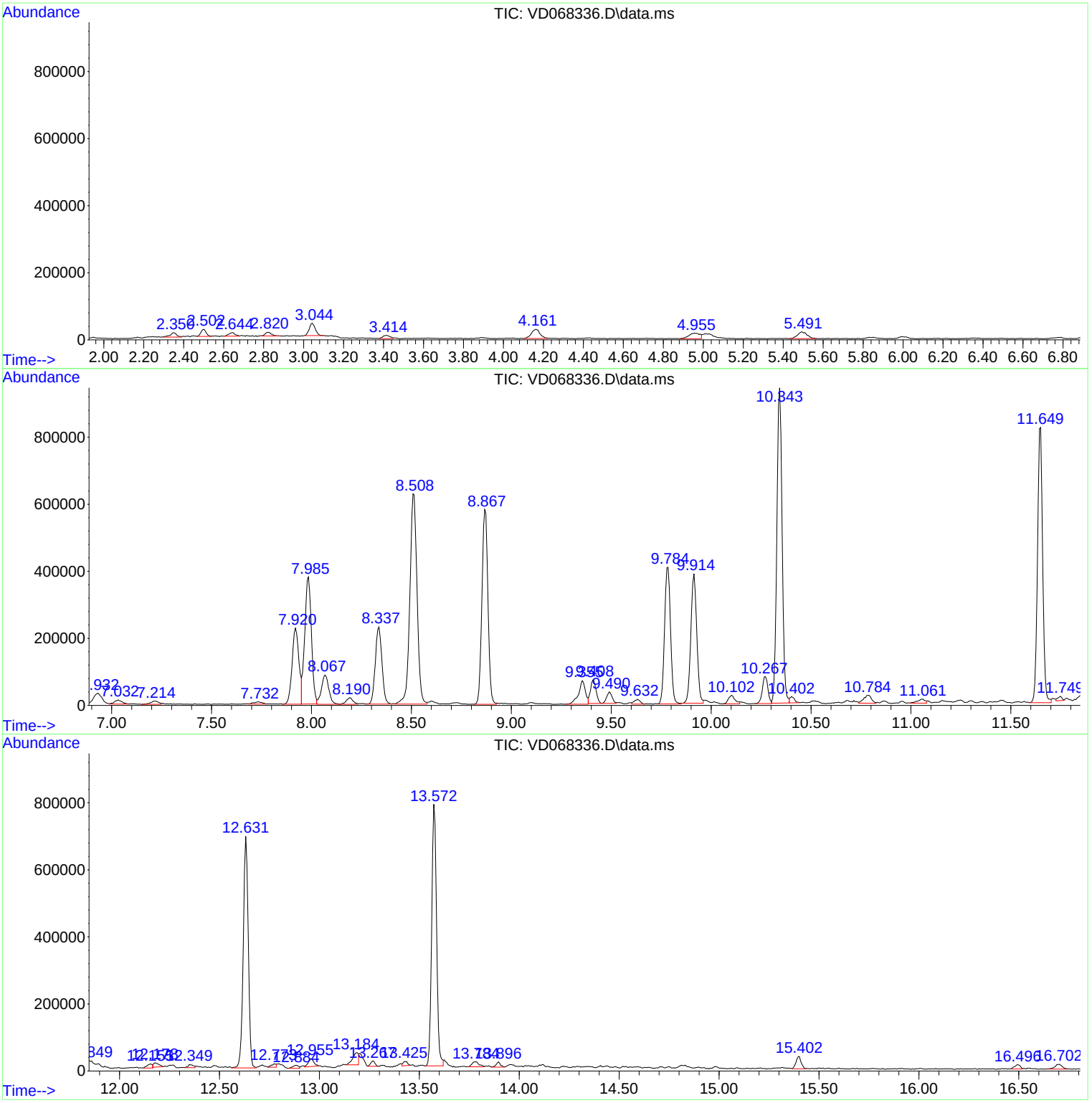
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-020921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-020921

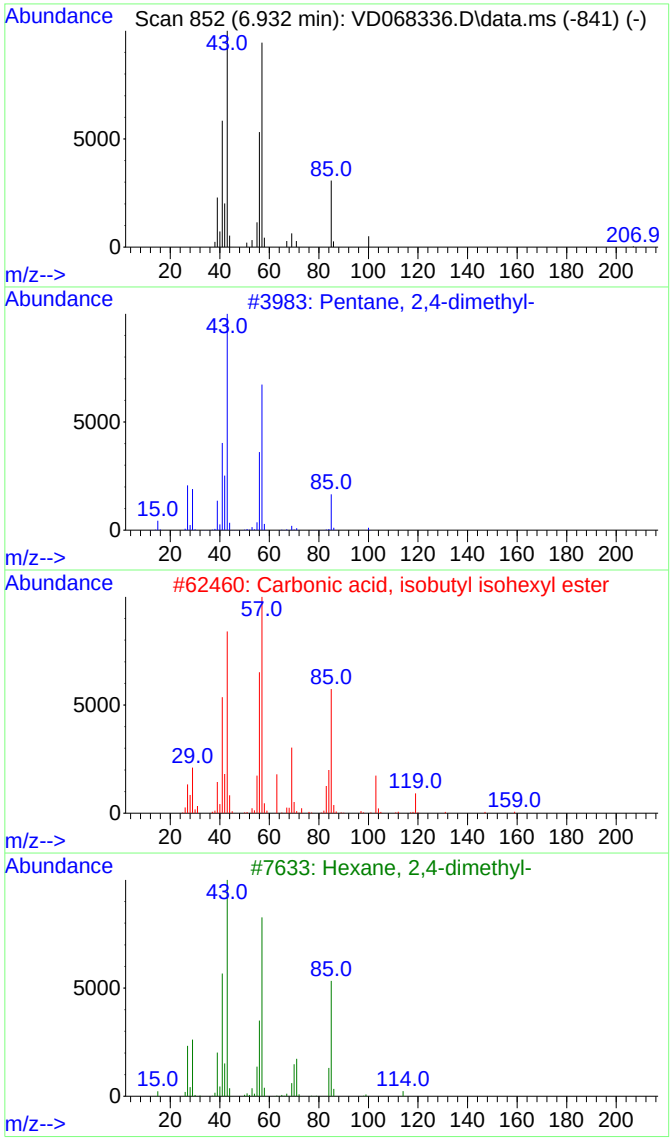
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

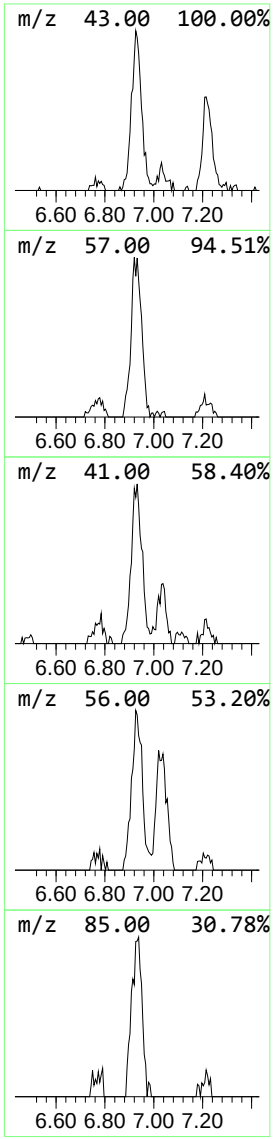
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.932	5.47 ug/l	95526	Pentafluorobenzene	7.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Carbonic acid, isobutyl isohexyl...	202	C11H22O3	1000314-60-3	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

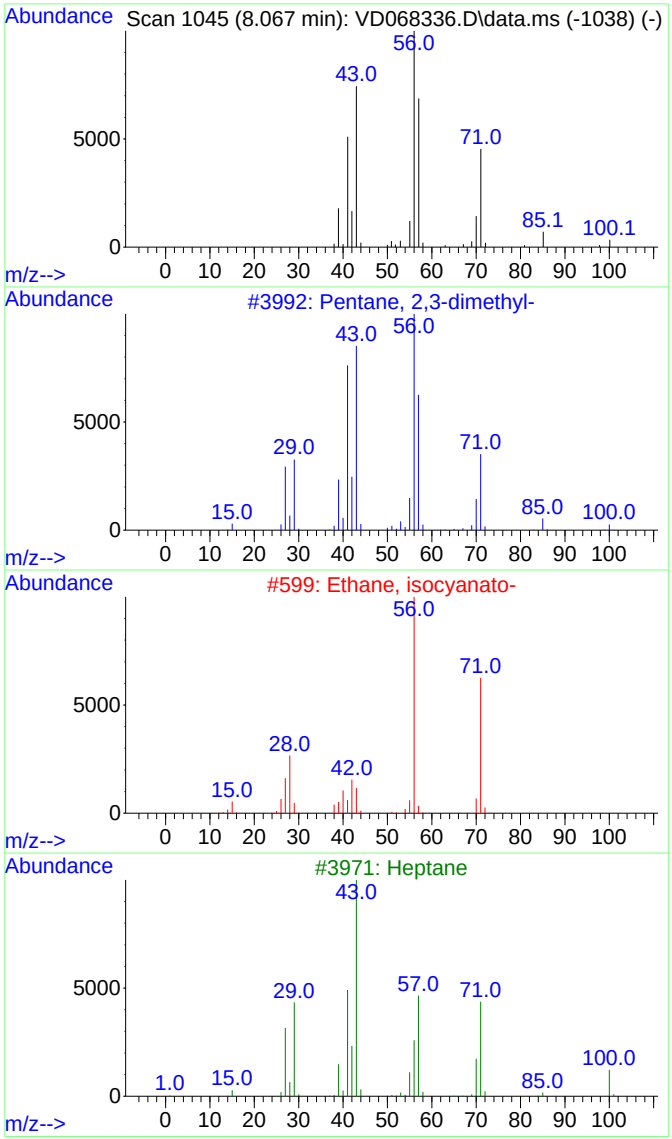
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

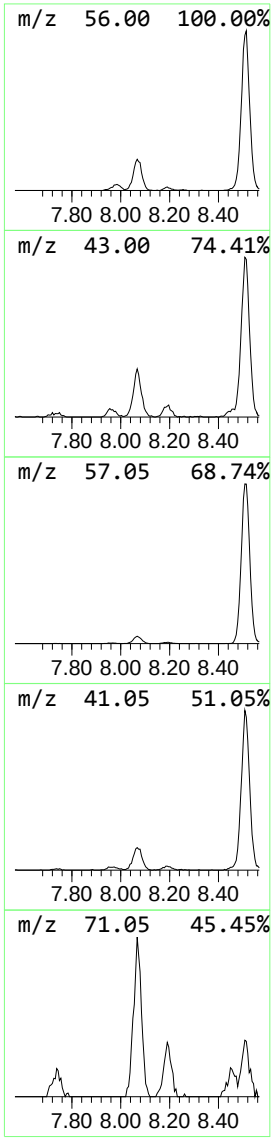
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.067	12.78 ug/l	222921	Pentafluorobenzene	7.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Ethane, isocyanato-	71	C3H5NO	000109-90-0	59
3	Heptane	100	C7H16	000142-82-5	47
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
5	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-020921

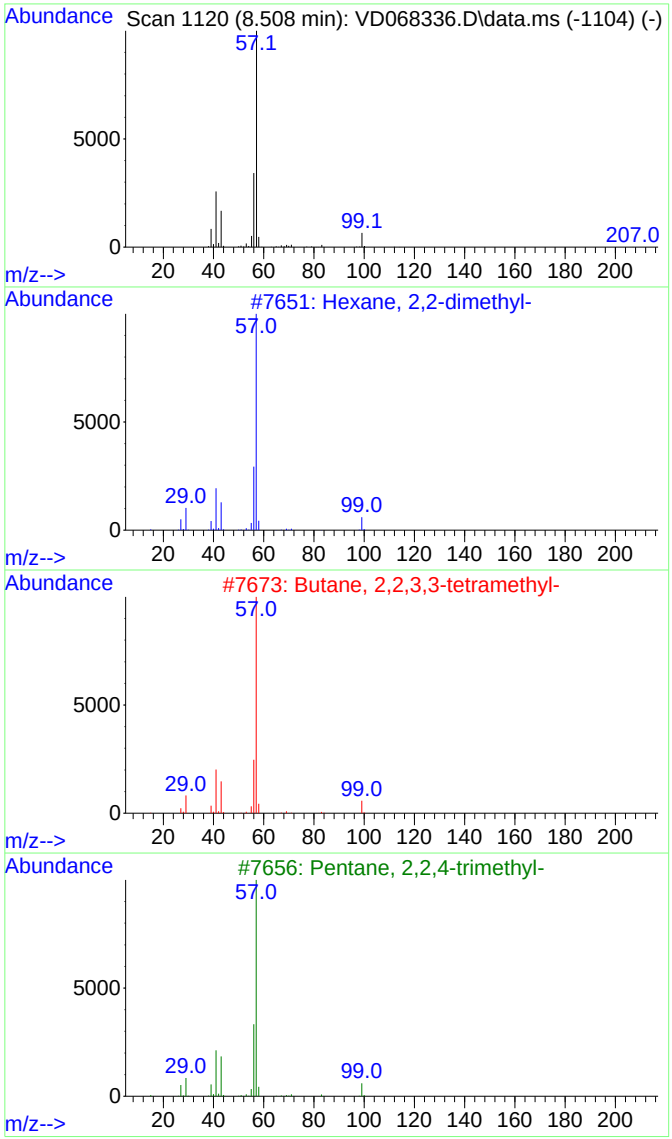
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

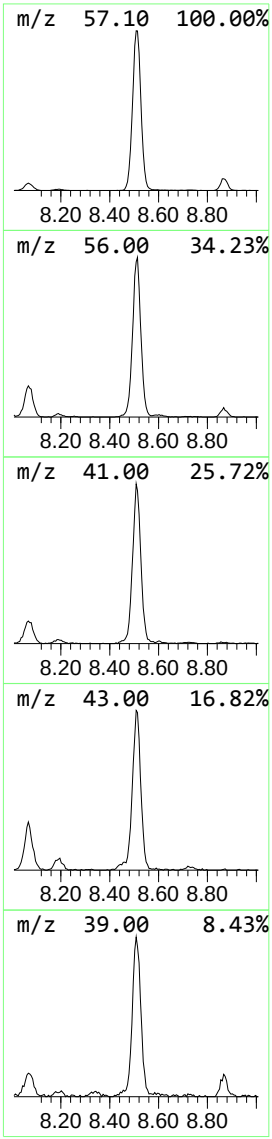
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	65.03 ug/l	1566820	1,4-Difluorobenzene	8.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

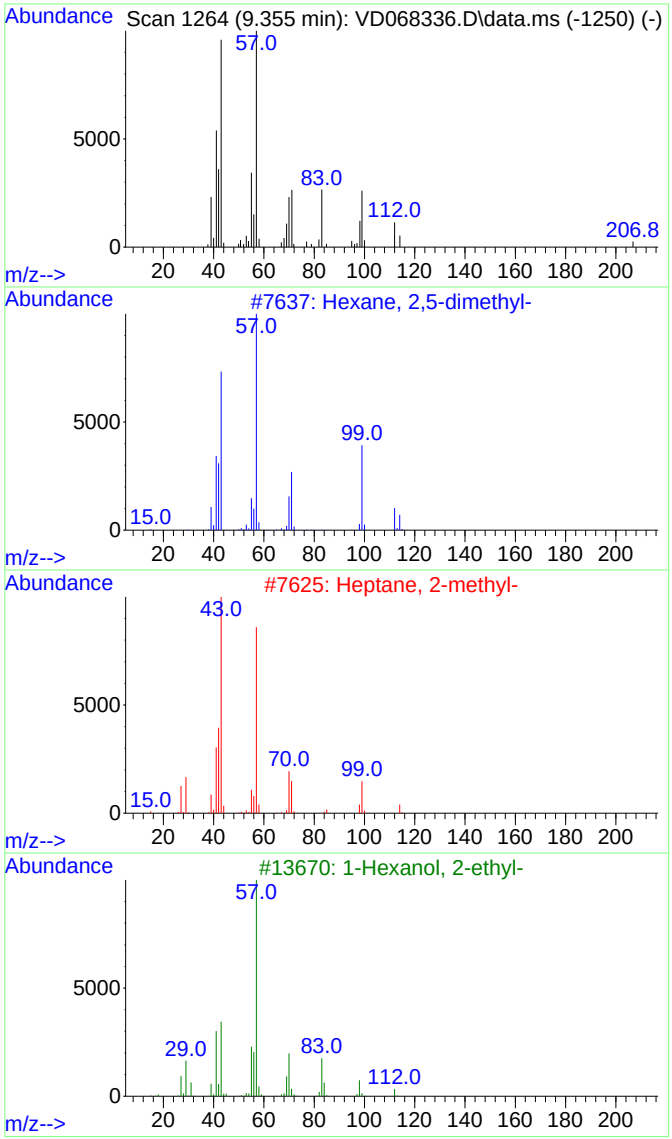
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

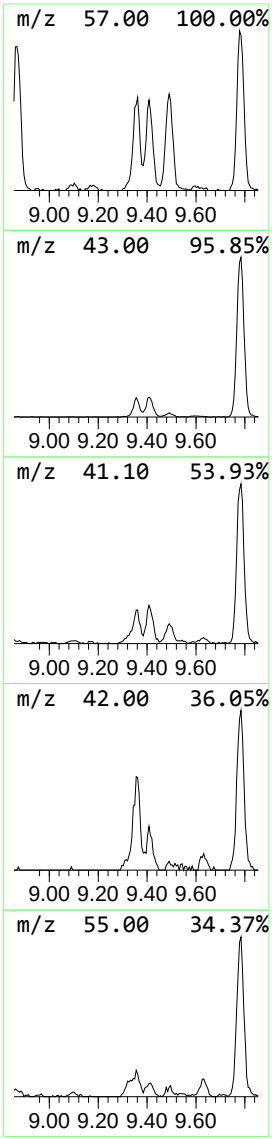
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.355	7.04 ug/l	169731	1,4-Difluorobenzene	8.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	49
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
5	1-Hexanol, 2,2-dimethyl-	130	C8H18O	002370-13-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

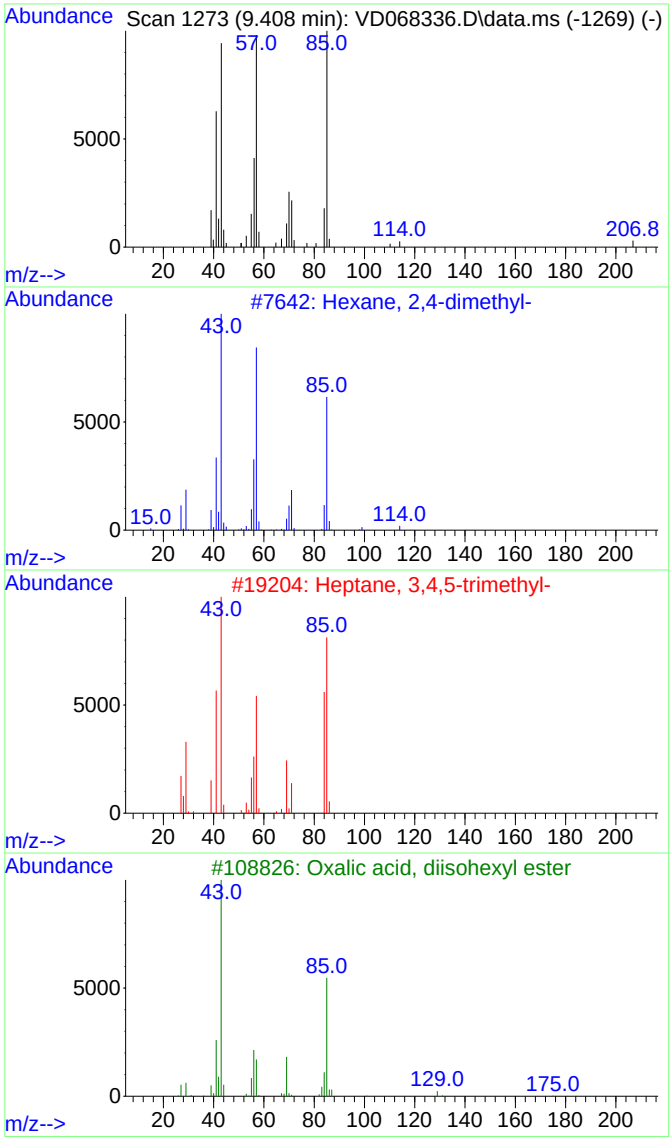
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

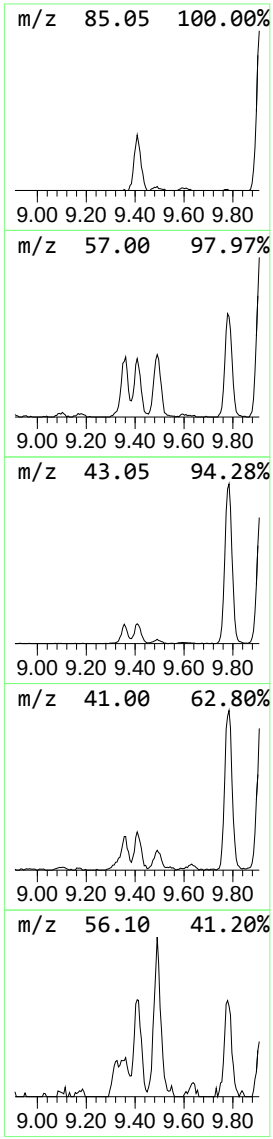
****

Peak Number 5 Hexane, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.408	5.54 ug/l	133596	1,4-Difluorobenzene	8.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53
3	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	53
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50
5	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

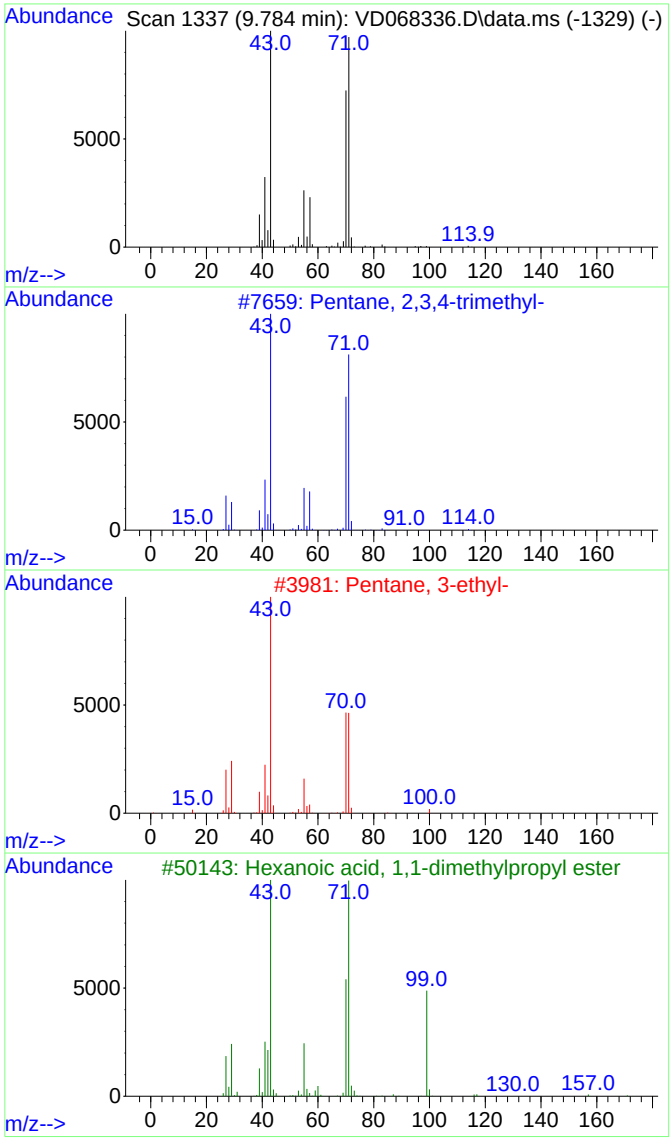
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

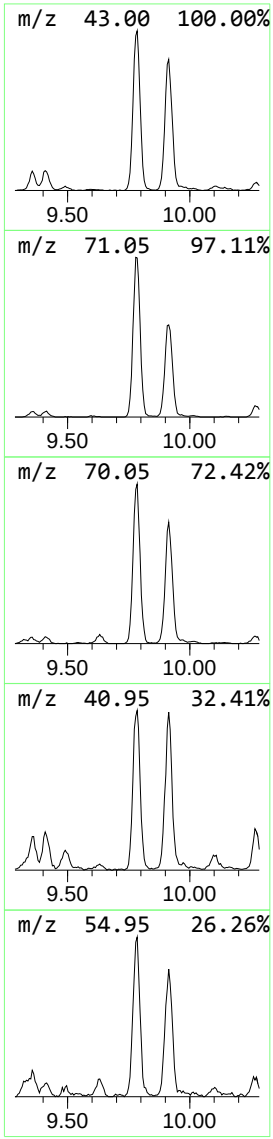
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.784	34.87 ug/l	840169	1,4-Difluorobenzene	8.873

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	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	83
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

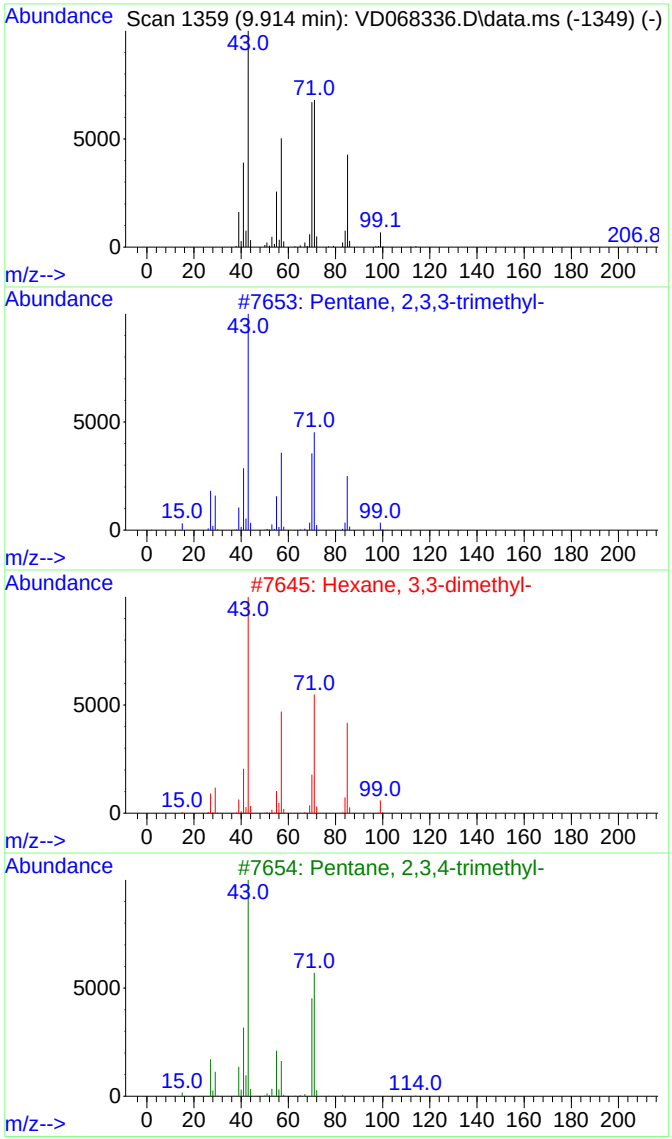
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

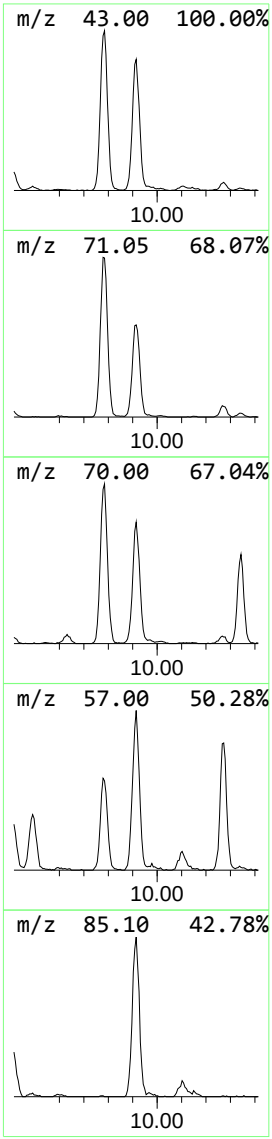
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.914	33.06 ug/l	796647	1,4-Difluorobenzene	8.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	58
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

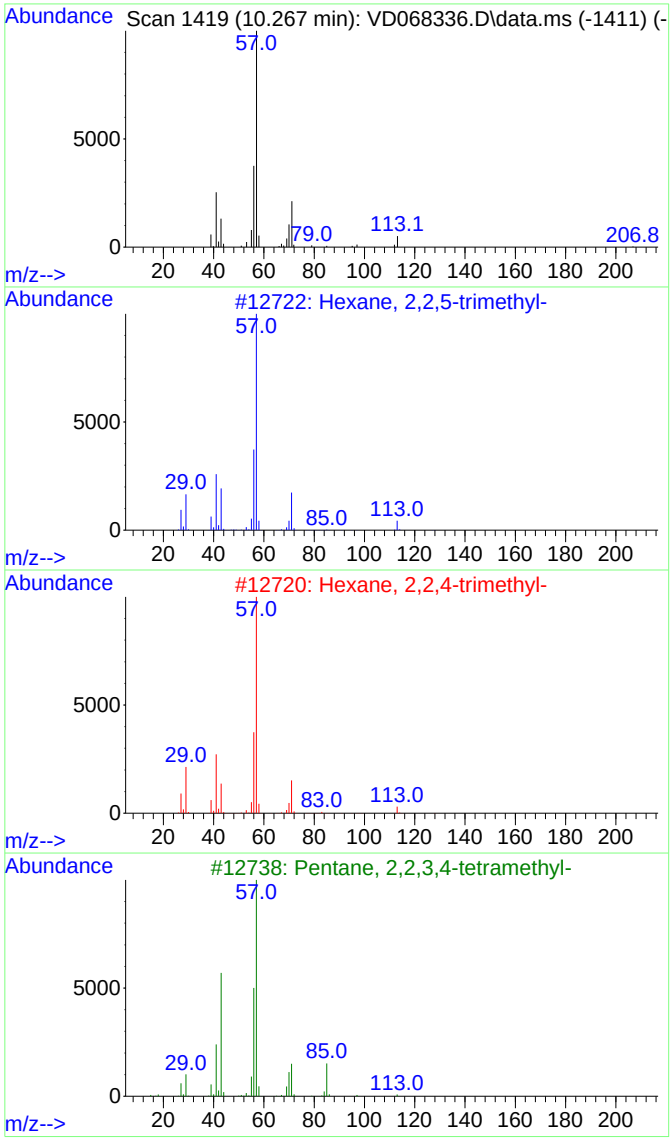
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

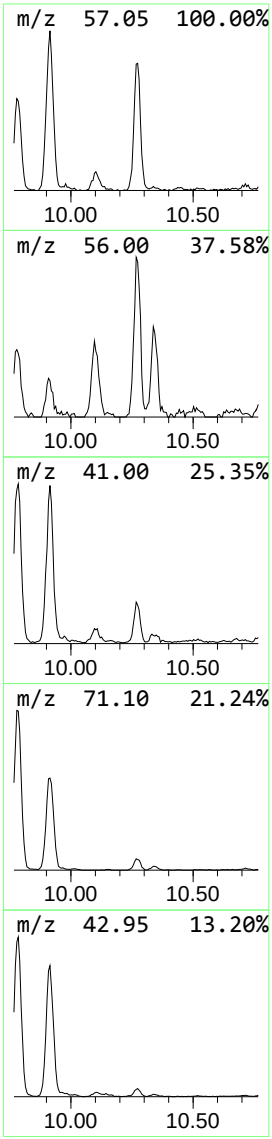
****

Peak Number 8 Hexane, 2,2,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.267	5.34 ug/l	156250	Chlorobenzene-d5	11.649

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068336.D
Acq On : 09 Feb 2021 18:35
Operator : VA/SY
Sample : M1346-01
Misc : 5.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-020921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,4-di...	6.932	5.5	ug/l	95526	1	7.985	872458	50.0
Pentane, 2,3-di...	8.067	12.8	ug/l	222921	1	7.985	872458	50.0
Hexane, 2,2-dim...	8.508	65.0	ug/l	1566820	2	8.873	1204770	50.0
Hexane, 2,5-dim...	9.355	7.0	ug/l	169731	2	8.873	1204770	50.0
Hexane, 2,4-dim...	9.408	5.5	ug/l	133596	2	8.873	1204770	50.0
Pentane, 2,3,4-...	9.784	34.9	ug/l	840169	2	8.873	1204770	50.0
Pentane, 2,3,3-...	9.914	33.1	ug/l	796647	2	8.873	1204770	50.0
Hexane, 2,2,5-t...	10.267	5.3	ug/l	156250	3	11.649	1464360	50.0