LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
Data File : VX013137.D
Acq On : 18 Oct 2019 19:04
Operator : JC/SP
Sample : K5451-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JPZ0343

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_X\METHOD\82X100819W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.070	26	30	42	rBV	692046	842193	100.00%	12.885%
2	1.265	59	62	68	rBV	12942	17749	2.11%	0.272%
3	1.399	80	84	91	rVB	21145	21236	2.52%	0.325%
4	2.430	248	253	263	rBV	6551	11490	1.36%	0.176%
5	2.594	272	280	291	rBV	36772	67062	7.96%	1.026%
6	4.301	549	560	571	rBV4	4666	13716	1.63%	0.210%
7	5.490	743	755	767	rBV	90311	255333	30.32%	3.906%
8	5.655	771	782	806	rVB	170343	512278	60.83%	7.837%
9	6.057	836	848	860	rBV	102016	271839	32.28%	4.159%
10	6.338	881	894	906	rBV	143759	428300	50.86%	6.553%
11	6.850	968	978	990	rBV	257443	599006	71.12%	9.164%
12	7.569	1087	1096	1102	rBV	23746	48088	5.71%	0.736%
13	7.636	1102	1107	1110	rVV2	18764	38823	4.61%	0.594%
14	7.679	1110	1114	1123	rVB	14474	29679	3.52%	0.454%
15	8.051	1165	1175	1187	rBV	173829	330730	39.27%	5.060%
16	8.173	1187	1195	1206	rVB	193622	384001	45.60%	5.875%
17	8.453	1235	1241	1252	rVB2	7342	14501	1.72%	0.222%
18	8.679	1269	1278	1279	rBV	67076	102468	12.17%	1.568%
19	8.709	1279	1283	1299	rVB	511088	804632	95.54%	12.310%
20	9.038	1331	1337	1342	rBV2	7262	11136	1.32%	0.170%
21	9.258	1362	1373	1378	rBV4	13367	20692	2.46%	0.317%
22	10.111	1507	1513	1518	rBV	465830	646865	76.81%	9.896%
23	10.355	1545	1553	1558	rVB7	5151	11005	1.31%	0.168%
24	10.642	1590	1600	1608	rBV7	5746	13943	1.66%	0.213%
25	10.831	1621	1631	1638	rBV7	6123	12629	1.50%	0.193%
26	11.135	1675	1681	1693	rBV	349410	471730	56.01%	7.217%
27	11.276	1696	1704	1709	rVB4	8164	12738	1.51%	0.195%
28	12.074	1829	1835	1846	rBV	424773	529667	62.89%	8.103%
29	13.714	2098	2104	2109	rVB	7579	12889	1.53%	0.197%

Sum of corrected areas: 6536418

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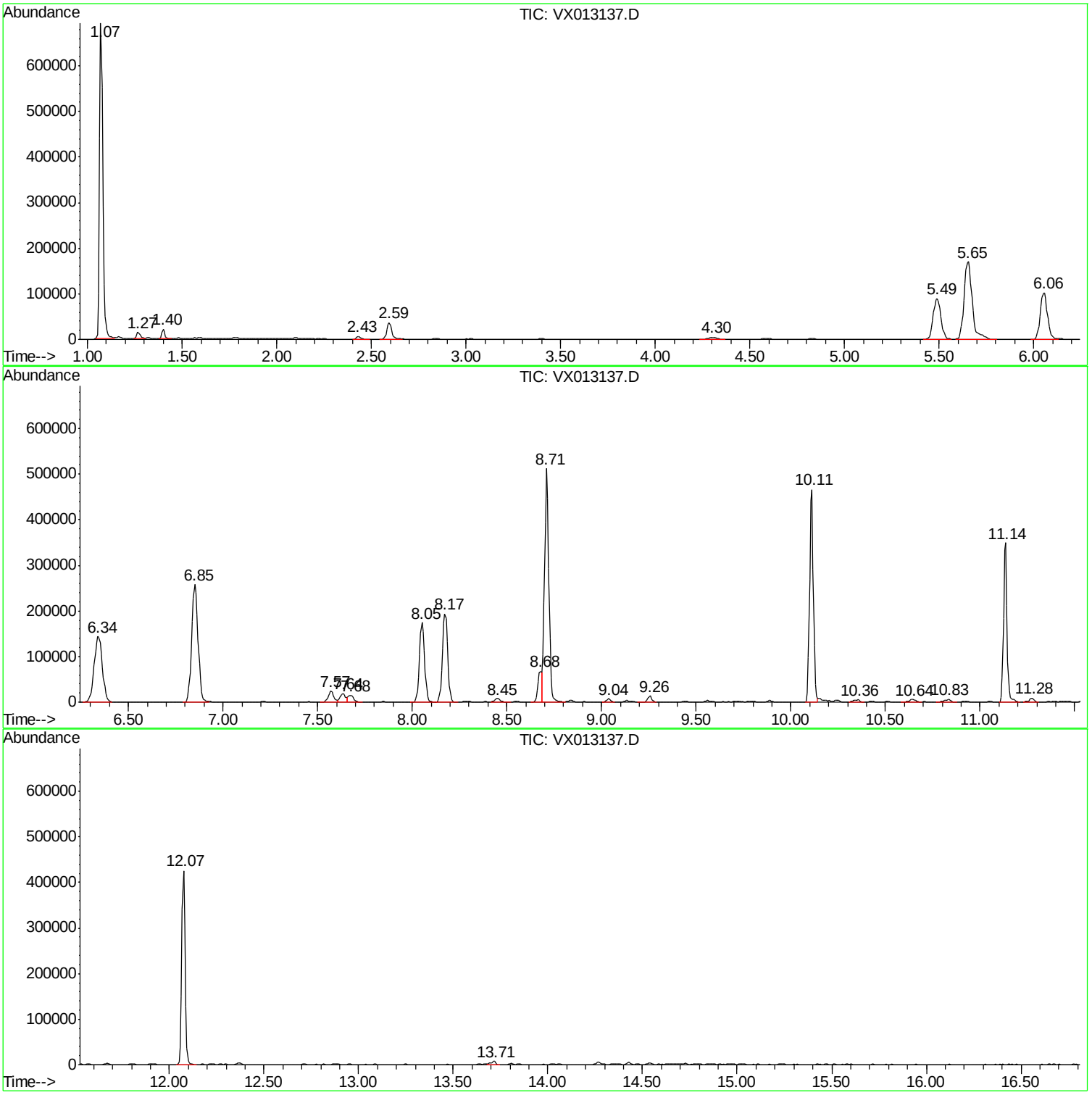
Instrument : MSVOA_X
ClientSampleId : FA19-JPZ0343

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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



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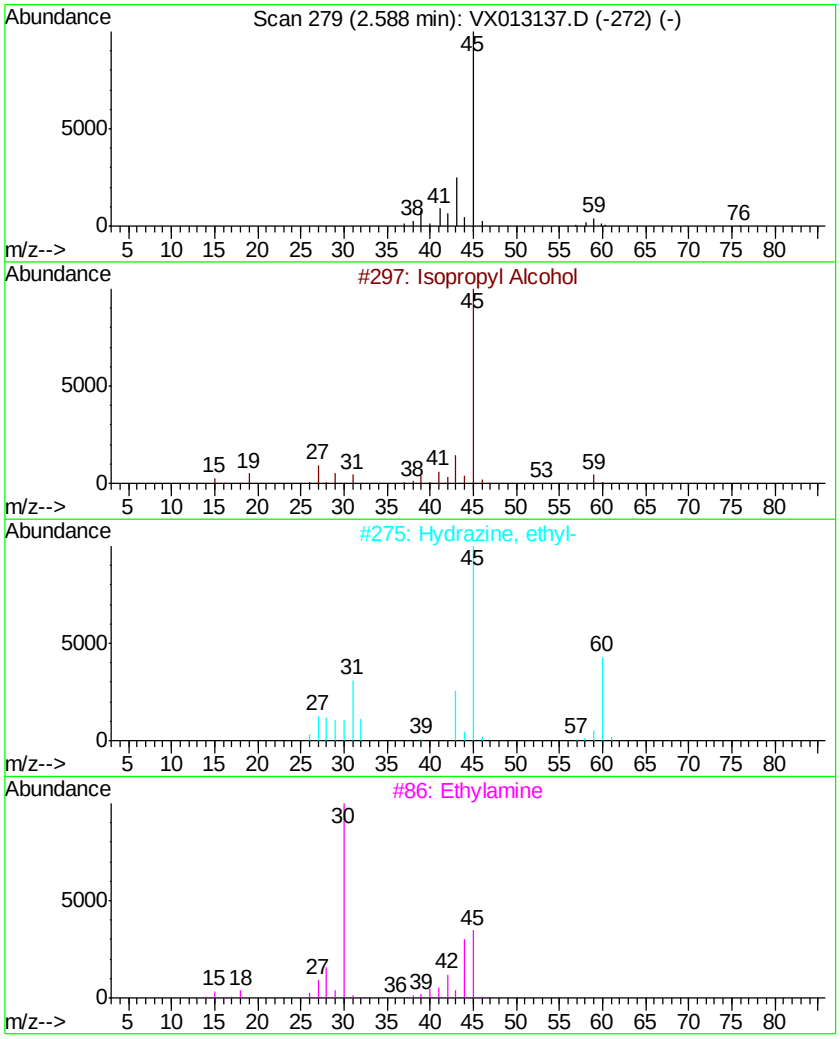
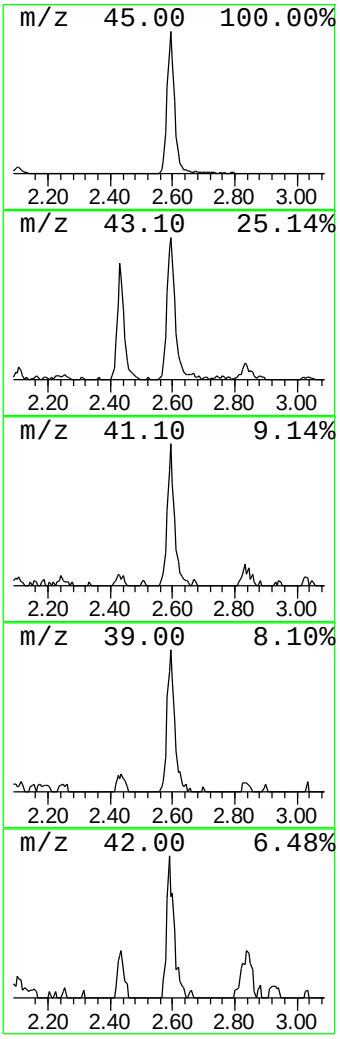
Peak Number 2 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	6.55 ug/l	67062	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
3	Ethylamine	45	C2H7N	000075-04-7	5
4	Formamide	45	CH3NO	000075-12-7	5
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	4





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Instrument : MSVOA_X
ClientSampleId : FA19-JPZ0343

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

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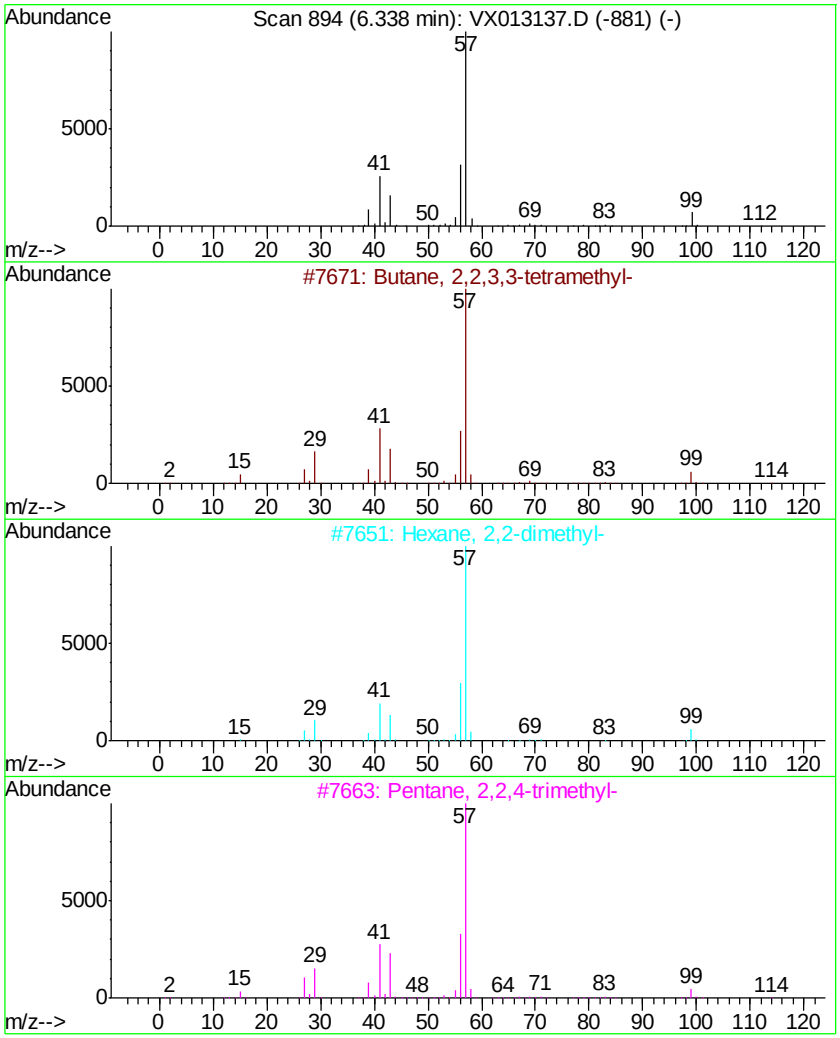
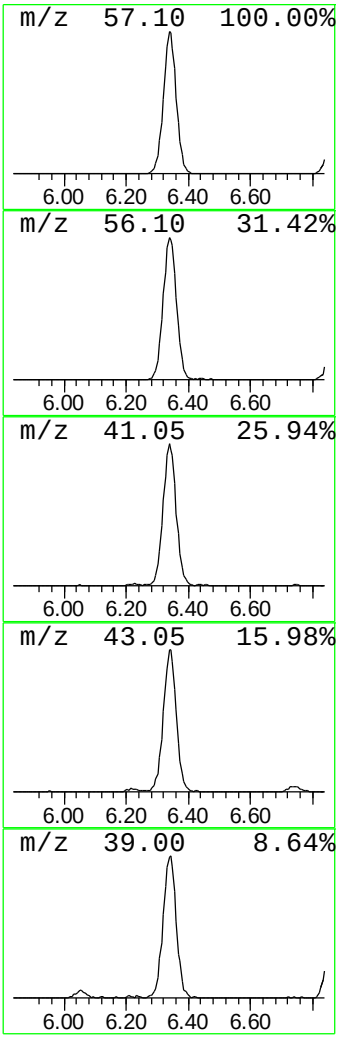
Peak Number 3 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	35.75 ug/l	428300	1,4-Difluorobenzene	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64





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Sample : K5451-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JPZ0343

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

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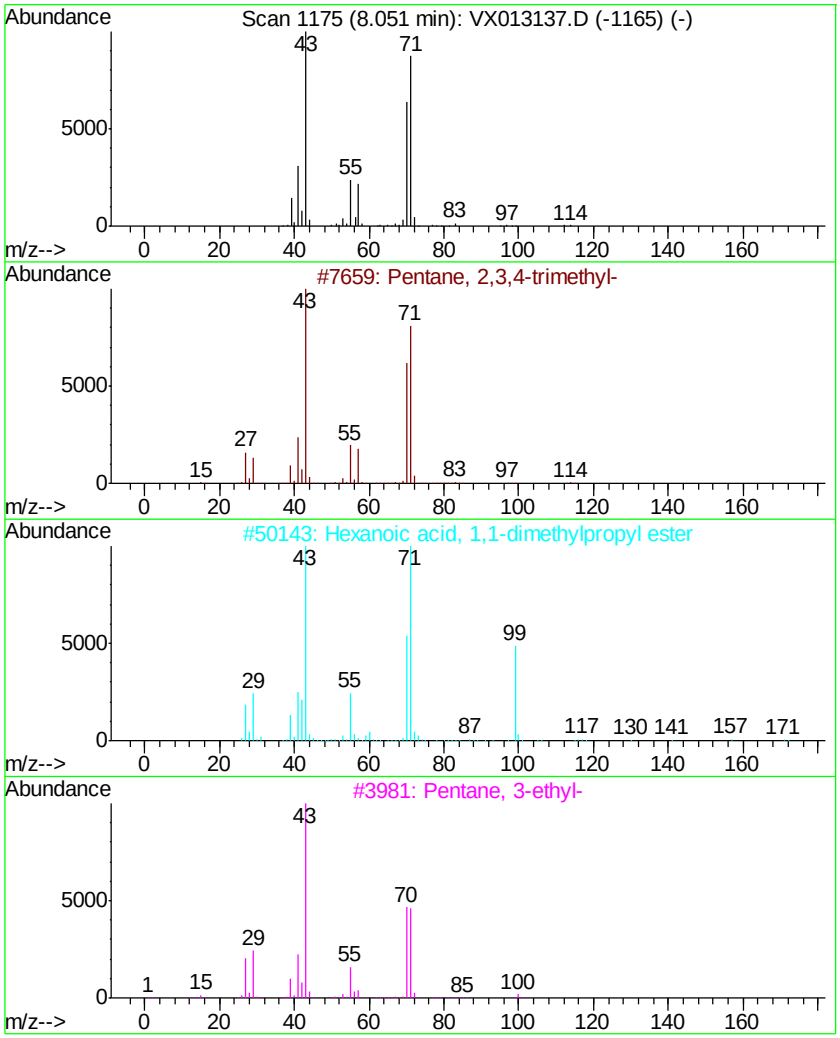
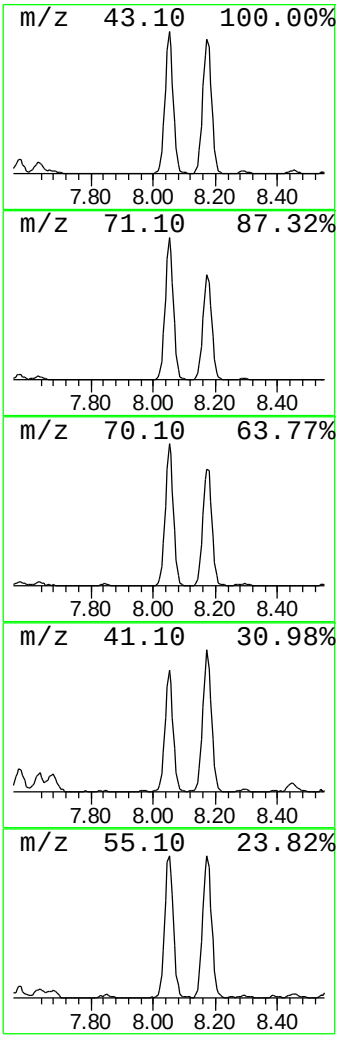
Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	27.61 ug/l	330730	1,4-Difluorobenzene	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101819\
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Sample : K5451-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JPZ0343

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

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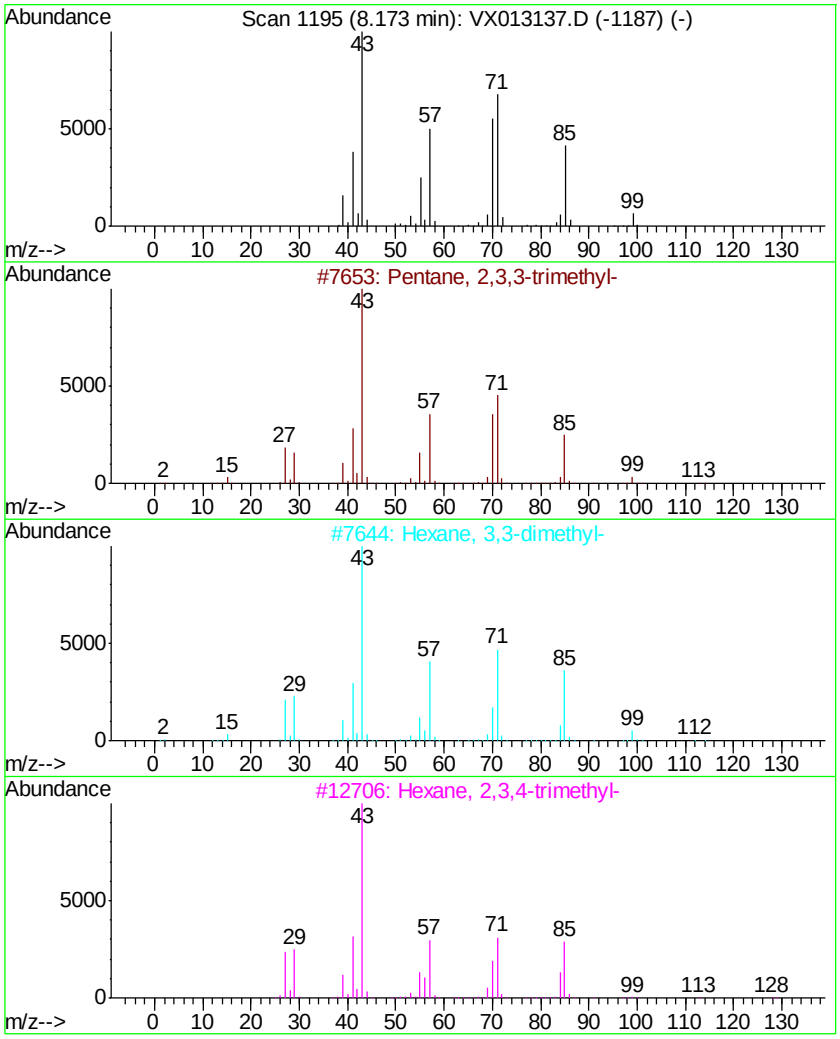
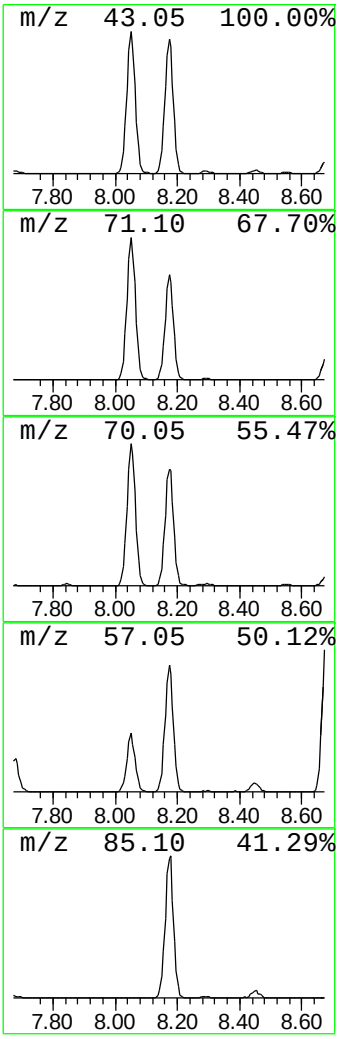
Peak Number 5 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	32.05 ug/l	384001	1,4-Difluorobenzene	6.85

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	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53





Tentatively Identified Compound (LSC) summary

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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
Isopropyl Alcohol	2.59	6.5	ug/l	67062	1	5.65	512278	50.0
Butane, 2,2,3,3-t...	6.34	35.8	ug/l	428300	2	6.85	599006	50.0
Pentane, 2,3,4-tr...	8.05	27.6	ug/l	330730	2	6.85	599006	50.0
Pentane, 2,3,3-tr...	8.17	32.0	ug/l	384001	2	6.85	599006	50.0